Winnipeg

City of Winnipeg

2001 Annual Capital Estimates

and

2002 to 2006 Five-Year Capital Forecast

Adopted by Council on February 27, 2001

Sections of this document can be
provided in alternative format for
visually impaired persons,
on a special arrangement basis, by contacting:

The City of Winnipeg
City Clerks Department
Council Building, 510 Main Street
Winnipeg, Manitoba
R3B 1B9

Telephone Number: 986-2555

To obtain copies of this document, please contact:

The City of Winnipeg
City Clerks Department
Council Building, 510 Main Street
Winnipeg, Manitoba
R3B 1B9

Telephone Number: 986-2171

For more information on the Capital Estimates, please contact:

The City of Winnipeg
Corporate Finance Department
Financial Planning and Review Division
4th Floor, 510 Main Street
Winnipeg, Manitoba
R3B 1B9

Telephone Number: 986-2120

Prepared by Corporate Finance,
The City of Winnipeg

City of Winnipeg website: www.city.winnipeg.mb.ca

Recyclable Paper

Reader's Guide

This **Reader's Guide** is intended to provide the reader with a basic understanding of the capital budget document developed from the capital budgeting process, as well as briefly describe the document's content and layout.

The **Adopted 2001 Annual Capital Estimates and the 2002 to 2006 Five-Year Capital Forecast** provides summary and detailed information on capital projects and financing for the capital program, set out in the following sections:

- The **Overview** section is primarily narrative in nature, providing summary information on all key capital budget issues. The Overview includes capital budget highlights, a profile of the City of Winnipeg, information on the City's accomplishments as they relate to capital programming, describes the budget process including the policies used to develop the budget and provides information on some of the major capital projects included in the City's capital investment plan. This section also includes financial summaries on the gross capital program, how it is financed, as well as trend analysis as it relates to the City's debt and finance charges, debt load, and funding of major program areas. This section also includes budget recommendations.
- A section entitled **Capital Projects Summary** provides a summary listing of capital projects for 2001 through to 2006, highlighting financing methods and the necessary related financing requirements.
- The **Capital Projects Detail** section gives additional details about each project in the estimates, including project descriptions, a six-year financial forecast, cash flow projections, the impact on the operating budget, and previous budget authorizations, if applicable. The capital priority rating is also identified, as well as the link to Plan Winnipeg to ensure all capital projects align with corporate objectives.
- The **Exhibits** section includes excerpts from the City's financial statements as it relates to the General Capital Fund, information on reserve balances, the capital priority rating system, historical analysis of borrowing authority/sources of funds/application of funds, an analysis of current and potential debt, cash flow summaries, reconciliation of the preliminary capital estimates to the adopted capital estimates, 2000 supplementary capital estimates, and a glossary of terms to help the reader understand the capital budget document.

Table of Contents

Section 1: Overview

1. **Highlights 1-1**

2. **Profile of Winnipeg 1-2**

3. **Accomplishments 1-3**

4. **Budget Process 1-4**
   - Public Consultation 1-4
   - Process and Schedule 1-4
   - Budget Amendment Process for Capital 1-5
   - Policy Directives 1-5
   - Budget Reform 1-7

5. **Budget Summary 1-9**
   - Capital Message 1-9
   - Total 2001 Capital Program 1-10
   - Total Six-Year Capital Program 1-11
   - Major Projects 1-14
     - Infrastructure Initiatives 1-15
     - Environmental Projects 1-17
     - Water Supply 1-18
     - Information Systems Replacements 1-19

6. **Financing 1-21**
   - Financing for the Total Gross Capital Program 1-21
   - Financing for Tax-Supported Projects, Including Transit 1-24
   - Debt and Finance Charges 1-24
   - Provincial Funding 1-26
   - Financing for Utilities 1-29

7. **Other Information 1-31**

8. **Council Adoption of the Estimates 1-32**

Tables and Graphs

Figure 4.1: Borrowing Cap 1-6
Figure 5.1: 2001 Total Capital Program 1-10
Figure 5.2: Total Six-Year Capital Program 1-11
Figure 5.3: Total Gross Capital Program – Tax-Supported and Utilities 1-11
Figure 5.4: Total Capital Program – 1986 - 2006 1-12
Figure 5.5: 2001 Sources of Capital Funding and How Total Capital Dollars are Spent 1-13
Figure 5.6: Total Gross Capital Program – Major Program Areas 1-14
Figure 5.7: Provencher Paired Bridges Project – Implementation Phases 1-16
Figure 5.8: Water Treatment Plant 1-18
Figure 5.9: Enterprise Resource Planning System 1-20
Figure 6.1: Financing Sources for the Total Gross Capital Program 1-21
Figure 6.2: Sources of Funding for Total Capital Program – Including Utilities 1-22
Figure 6.3: Net External Debt Per Capita 1-23
Figure 6.4: Financing Sources for the Tax-Supported Capital Program – Including Transit 1-24
Figure 6.5: Tax-Supported Debt Servicing Costs 1-25
Figure 6.6: Tax-Supported Capital Program Financing – 1976 to 2006 1-25
Figure 6.7: Provincial Funding 2000 - 2006 1-26
Figure 6.8: UCPA III - 2001 Draft Project List 1-27
Figure 6.9: Financing Sources for the Utility Capital Program 1-29

Section 2: Capital Projects Summary

Summary of Gross Capital Program 2-2

Summary of Financing Requirements 2-3

Non-Debt and Internal Financing 2-4

Capital Projects Listing by Department 2-6

Public Works 2-6
Community Services 2-9
Police 2-10
Fire Paramedic Service 2-10
Planning, Property and Development 2-11
Corporate Finance 2-13
City Clerks 2-13
Corporate Services 2-13
Property Assessment 2-14
Non-Departmental 2-14
Transit 2-14
Winnipeg Hydro 2-15
Water and Waste 2-18

Section 3: Capital Projects Detail

Introduction 3-1

Capital Projects Listing by Department

Public Works 3-3
Community Services 3-51
Police 3-62
Fire Paramedic Service 3-65
Planning, Property and Development 3-72
Corporate Finance 3-107
City Clerks 3-108
Corporate Services 3-111
Property Assessment 3-117
Non-Departmental 3-118
Transit 3-120
Winnipeg Hydro 3-126
Water and Waste 3-179

Section 4: Exhibits

Exhibit 1: Excerpts from the City of Winnipeg 1999 Detailed Financial Statements, The General Capital Fund 4-1
Exhibit 2: Excerpts from the City of Winnipeg 1999 Detailed Financial Statements, Reserve Balances 4-13
Exhibit 3: Capital Priority Rating System 4-14
Exhibit 4: Historical Analysis of Borrowing Authority, Sources of Funds, Application of Funds 4-16
Exhibit 5 Statement of Current and Potential Debenture Debt 4-20
Exhibit 6 Cash Flow Projections for 2001 to 2006 Capital Program 4-21
Exhibit 7 Reconciliation of the Preliminary 2001 to 2006 Capital Estimates to the 2001 to 2006 Capital Program Adopted by Council 4-37
Exhibit 8 2000 Supplementary Capital Estimates 4-38
Exhibit 8 Glossary 4-132

Winnipeg

The City of Winnipeg

Overview

2001 Annual Capital Estimates

and

2002 to 2006 Five-Year Capital Forecast

Adopted by Council on February 27, 2001

1. Highlights

Capital investment of $1.2 billion. Priority capital improvement work totalling $1.2 billion will be undertaken in the City of Winnipeg over the next six years. Areas of major investment include:

- $266 million for the City's water system, of which $199 million is dedicated to the development of a water treatment plant
- $222 million for hydro infrastructure
- $154 million for the City's regional street system, including $53 million for the new Provencher Bridge
- $149 million for land drainage and flood control, including $10 million for permanent secondary dikes
- $87 million for the City's transit system of which $68 million will go toward buying new transit buses; preliminary funding has also been made available for the Southwest Transit Corridor project
- $82 million for sewage disposal projects
- $52 million for residential street renewal

Fiscal responsibility. The plan is also fiscally responsible. We are:

- **Moving closer to pay-as-you-go** - For the third year in a row, the City's 2001 tax-supported capital program will not require any new external debt. The City achieved its goal of internally financing the total borrowing requirements of the tax-supported capital program in 1999, four years ahead of the original plan. Most of the capital program for the City's water and sewer utilities is also funded on a pay-as-you-go-basis.
- **Lower debt and finance charges** - Over the past few years, Council has reduced its capital program to address concerns about rising debt and finance charges. Initially, a self-imposed borrowing cap on tax-supported programs was adopted. In 1999, a decision was made to eliminate new external debt authorizations for tax-supported projects. Both the 2000 and 2001 capital budgets adhere to this direction. These initiatives have had, and will continue to have, a positive impact on the City's goal to reduce its debt and finance charges and reduce the pressure on property taxes.

Strategic partnerships. The City will attempt to lever funding from other levels of government to augment its capital program. Current efforts include:

- **National Infrastructure Program** – The City will work with the Federal and Provincial governments to develop strategic partnerships to make further improvements to the City's infrastructure in the upcoming months through the Canada – Manitoba – Winnipeg Infrastructure Program. A strong infrastructure base is a key component in supporting a dynamic and competitive economy.
- **Residential street renewal** - The budget includes a residential street renewal program, which accelerates over the six-year period from an annual program of $5 million to a $10 million program. The total amount included for residential street renewal over the six-year period is $52 million. The City will continue to request funding from other levels of government to augment the program.

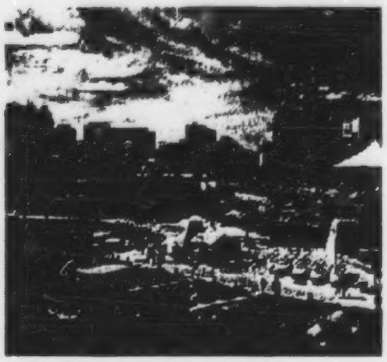
2. Profile of Winnipeg

A healthy, vibrant city is characterized by a stable economy, strategic location, low operating costs, a skilled workforce, and a rich cultural life; as the economic, educational and cultural centre of Manitoba, Winnipeg has all these qualities and more.

IDEAL ATTRIBUTES FOR INDUSTRY

Benefits such as low cost serviced industrial land, a specialized and productive labour force, and one of the lowest hydro rates in North America are ideal for industry -- and Winnipeg boasts them all. Add to that the most diversified secondary manufacturing base in Canada, and the service industries to support it. Transportation, technology, and research industries also flourish in the city.

Winnipeggers are well known for their high motivation and work ethic. Over 66 per cent of the provincial workforce (349,000) is employed in Winnipeg, comprising a qualified and multilingual labour pool. Many workers are graduates of the city's progressive universities, technical schools and independent colleges.



The Forks, Winnipeg, Manitoba

LOCATION CENTRAL TO SUCCESS

Manitoba's capital city is at the geographical centre of North America. By capitalizing on its prime location, Winnipeg is poised to take full advantage of emerging trade opportunities. It is Canada's largest distribution centre between Vancouver and Toronto, and one of the few North American cities that can handle distribution of manufactured goods to both domestic and international markets by air, rail, and highway, with direct links to seaports.

Only minutes from downtown, Winnipeg International Airport is Canada's only centrally-located 24-hour airport. It handles over 3 million passengers, 155,000 aircraft flights, and over 132,000 tonnes of cargo annually.

Timing is everything in business, and Winnipeg's central time zone extends the business day, a particular benefit for growth industries like information technology, customer service and call centres.

HIGH QUALITY OF LIFE

Winnipeg is clean, safe and affordable. With all the amenities of a large, cosmopolitan city, and a low cost of living, its 628,100 residents enjoy an enviable quality of life.

Winnipeggers are renowned for their community spirit and volunteerism; their warmth can transcend even the coldest winter day. A multitude of ethnic groups live in harmony in the city, including Canada's largest francophone population outside Quebec, and the largest Aboriginal population of any Canadian city. Winnipeg is home to a diverse and dynamic artistic community, and offers its citizens a rich variety of cultural activities. Winnipeg is graced with abundant green space, and a clean environment.

Prosperous and full of promise - this is Winnipeg!

3. Accomplishments

This capital budget addresses capital funding priorities for the future. It is important to recognize, however, that the City has made significant progress towards meeting corporate priorities through past capital budget decisions.

In the civic document entitled "*Report on Performance* ", several of these accomplishments were identified. Some of these accomplishments include:

- **First Straflo Turbine/Generator installed at Pointe Du Bois** – Winnipeg Hydro successfully completed a multi-year demonstration project involving the replacement of Unit No. 1 (3.5 MW) with a new Sulzer Hydro Straflo turbine/generator rated at 8.4 MW.

- **Major Streets and Residential Street Renewal Program** – The Public Works Department administered a $14.7 million residential street renewal program involving reconstruction or rehabilitation of approximately 160 blocks of residential streets throughout the City. Also completed were the extension of Pioneer Boulevard and the completion of the Main Street and the Portage Avenue streetscaping projects.

- **Provencher Paired Bridges Project Public Consultation Process** – The Public Works Department conducted a comprehensive public consultation process to determine the most appropriate alternative for the aging Provencher Bridge. The process involved the formation of a Project Advisory Committee comprised of fifteen stakeholder groups representing local and city-wide interests. Section 5 Budget Summary – Major Projects provides further details on this project.

- **Improvements to Transit System** – The Transit Department has undertaken a number of projects to improve services which include:
  - **Telebus 287-RIDE** – Transit's new and improved Telebus System provides customers with access to current and future bus time information.
  - **Bike and Bus** – Winnipeg Transit launched a Bike & Bus Pilot Project to test the use of bike racks on buses.
  - **Bus Stop Improvements** – Bus Stop upgrades were completed at Broadway and Osborne intersection, at the Forks terminal, and in conjunction with the PortageScape project.

- **New Automated Fingerprint Identification System** - The combined efforts of the Information Systems Unit and the Identification Unit of the Police Service resulted in the purchase and implementation of a new Automated Fingerprint Identification System.

- **State-of-the-Art Breathing Apparatus for Fire Fighters** – Winnipeg's fire service is the first in Canada to adopt the latest technology in self-contained breathing apparatus. This state-of-the-art breathing equipment also has a personal alert safety system with a temperature sensor that sounds an alarm when a fire fighter is in trouble or trapped in a fire.

- **Purchase of Additional Computers for Library Branches** – Library Services received a commitment of $388,000 from the Gates Foundation for the purchase of additional internet computers at 13 branches.

4. Budget Process

Public Consultation

An extensive community consultation process was implemented for 2000, providing citizens the opportunity to give advice to the Mayor and Council on achieving affordable government and ensuring that the direction and strategies of the City over this Council's term represent the priorities of the citizens of Winnipeg. In order to solicit ideas and comments from the public, a consultation process was held which included focus groups, a telephone survey, a 2-day community forum and six community workshops. A report containing the results of the consultation process, *Achieving Affordable Government: Community Consultation Towards a 10% Tax Cut*, was released in February of 2000 and provided meaningful discussion on many of the major issues facing the City, including capital budgets in general.

Revitalizing the downtown, controlling urban sprawl and improving transportation infrastructure were common priorities expressed by participants in the focus groups and workshops. Infrastructure was raised as an issue in many workshops, with groups concluding that the City should invest in continued maintenance of infrastructure to ensure long-term cost savings. It was also generally felt that the City should lobby the Federal and Provincial governments for increased funding in such areas as infrastructure, libraries, transit, ambulance services, police and fire. As well, continued support for reducing the debt was expressed as a way to reduce costs.

Public representation also occurred at meetings of the various Committees of Council during the capital budget review.

Process and Schedule

The adoption of The City of Winnipeg's capital budget is a major part of the process to plan, co-ordinate and provide infrastructure and capital amenities for the use and benefit of citizens. City Council is required by The City of Winnipeg Act to adopt annual estimates, including the amount the City will require to raise or expend in the year for capital by March 31st of each year. City Council is also required by The City of Winnipeg Act to prepare and approve a capital program for the five years following the current year.

Draft capital estimates were prepared by the administration and tabled at the Executive Policy Committee meeting on January 17, 2001 as Preliminary Estimates. The Executive Policy Committee referred the preliminary estimates to members of Council for review and recommendation. A Council Working Seminar was held to ensure appropriate review and debate on the issues.

Executive Policy Committee and other committees of Council heard public delegations before Executive Policy Committee tabled its final recommendations on February 21, 2001. Council adopted the recommendations on February 27, 2001. Further opportunity for public input through public presentations was available during these final stages of the budget process.

Also on February 27, 2001, Council gave the borrowing by-law to externally finance the capital program first reading. In accordance with legislation, approval of the required borrowing for the Winnipeg Hydro capital program has been received from the Minister of Finance of the Province of Manitoba. The by-law was given second and third readings by Council on March 21, 2001, and the budget is being implemented.

Budget Amendment Process for Capital

From time to time during the year it may be necessary to amend the budget. Any new capital project, whether funded by surpluses from other projects or by new funding, must be approved by Council. Additional borrowing authority must be approved by the Minister of Finance of the Province of Manitoba and enacted through a by-law of Council.

A Standing Policy Committee of Council can approve transfers of budgets between existing capital projects. If the transfer is smaller than $100,000 or 25% of the budget being increased (whichever is the lesser), the transfer can be approved by the city administration.

Every few years, outstanding borrowing authority is reviewed and cancelled as appropriate. Any incomplete projects are given new borrowing authority for the remainder of their requirements by means of a Supplementary Capital Budget. Council must approve the Supplementary Capital Budget and the supplementary borrowing by-law. The most recent Supplementary Capital Budget process occurred in November 2000 and was approved by Council on January 31, 2001 (see Exhibit 8 for details).

Policy Directives

The City's main policy documents provide direction in determining the capital program.

Plan Winnipeg is the City's overall long-range policy plan that identifies Council's long-term vision for Winnipeg. All other documents, plans, budgets, programs and services are guided by this plan. To ensure alignment of the capital estimates to Plan Winnipeg, each capital project has been cross-referenced to it by identifying the specific chapter and section to which the project relates.

"*Plan Winnipeg . . . 2020 Vision* ", is the result of a comprehensive review of Plan Winnipeg. The draft plan has now gone through an extensive round of public consultations and a full Council review process. Council approved the plan in second reading on October 25, 2000. The next step is for the Province to review and approve the plan before returning it to the City for third and final reading. Once this is finalized, future capital estimates will also be directly aligned with the policy document.

Council Priorities have been set, based on Plan Winnipeg's policy direction, identifying those areas where the strongest efforts and energy will be expended. These priorities include:

- Cost of Winnipeg's government
- Infrastructure renewal
- Economic development
- Safety
- Downtown
- Housing and neighbourhood renewal

Corporate planning and budgeting direct the civic administration to act upon Council's priorities. The long-term direction provided by Plan Winnipeg and the shorter term priorities articulated by Council have formed the basis for the establishment of corporate goals which in turn have directed the corporate budget process. In the end, this is where Council and senior management agree on what needs to get done and how it will happen.

The Financial Management Plan was adopted in July 1995 and is currently being updated. It is the City's strategy to guide its financial decision-making, protect its ability to meet long-term obligations, and improve its economic position and financial stability. A specific goal was set out in the Financial Management Plan to reduce the City's debt. The objective of debt reduction puts pressure on meeting another important goal of the Financial Management Plan, that is, to renew infrastructure. The challenge is to maintain a balance between these two important but competing goals. This capital budget attempts to achieve a reasonable balance as directed in the Financial Management Plan - to manage the City's reliance on external financing while maintaining the existing infrastructure on a priority basis.

The Capital Priority Rating System - The City of Winnipeg Act stipulates that the capital program must show priorities as well as estimates of the source and application of funds for each year. For many years, the City has used a Council-approved priority rating system to rank capital projects in order of priority on a City-wide basis. The system recognizes two basic factors, one being the importance of the service being provided, and the second being the impact of not proceeding with the project. These priority ratings are presented for each project in the Capital Projects Detail section of this document. A full description of the capital priority rating system is included as an exhibit in this document.

Council Approved Borrowing Cap - During the 1996 capital budget deliberations, Council approved a $61 million borrowing cap for the tax-supported budget. This cap included both internal financing and external financing. It was implemented as a means to control debt and finance charges in the tax-supported budget.

During the 1997 capital budget deliberations, Council felt that more stringent measures must be taken to maintain and improve the City's credit rating and to ensure the long-term financial health of the City. As a result, Council approved a plan to reduce the capital program for a two-year period (1997 and 1998) below the $61 million cap. In 1999, no new external financing was authorized for the tax-supported program, including transit -- a first for the City.

On April 14, 1999, Executive Policy Committee further directed that the 2000 Annual Capital Estimates and the 2001 to 2005 Five-Year Capital Forecast be developed so that no new external financing would be required for the tax-supported portion. The result was a further reduction to the capital program reflected in the adopted budget and forecasts as follows:

Figure 4.1: Borrowing Cap

	2001	2002	2003	2004	2005	2006	Total
Borrowing Cap	$ 61.0	61.0	61.0	61.0	61.0	61.0	**$ 366.0**
Internal Financing Available	$ 48.4	52.2	56.4	61.0	61.0	61.0	**$ 340.0**
Reduction required to eliminate tax-supported external financing	$ 12.6	8.8	4.6	-	-	-	**$ 26.0**

It should be noted that the Executive Policy Committee recommended the above borrowing restrictions at its own initiative in order to improve the City's fiscal health and future viability. The City's legal borrowing limit, that is, the limit externally imposed upon the City by legislation, relates only to external financing and is not a pre-set specific dollar amount. Section 282 of The City of Winnipeg Act requires the City to obtain authorization from the Minister of Finance of the Province of Manitoba for all external borrowing requirements. The authority approved by the Minister of Finance constitutes the City's legal borrowing limit.

Strategic Infrastructure Reinvestment Policy (SIRP) - The SIRP Report[1] is the product of a task force comprising a cross-section of participants from government, business, labour and the academic community. The Report concludes that the City should provide more investment in infrastructure, review the present approach to the use of current funding, develop a strategy for the future, and find ways to fund the infrastructure deficit. Infrastructure renewal programs are seen as a priority for the citizens of Winnipeg and their significance is demonstrated in the recommendations of the SIRP Report.

As one of the recommendations in the SIRP Report, the City established a SIRP Implementation Committee (SIRPIC) – headed by the Chairperson of the Standing Committee on Public Works – with a mandate to implement the adopted policy options. The SIRPIC report was completed on July 20, 2000 and contained 30 Implementation Recommendations. Administration has been asked by Council to prepare a report that will develop strategies for the implementation of the SIRPIC recommendations. This report is expected to be finalized in the spring of 2001.

Budget Reform

While many budget reform initiatives have been undertaken in the recent past, the City of Winnipeg will continue to improve its capital budget process. Following are some highlights of what we have done recently and what we plan to do in the next few years:

What have we done?

- Implemented three-year departmental business planning which integrates operating and capital budgeting and aligns departmental strategies and plans with corporate goals;
- Introduced cash flow reporting on capital project spending in order to better estimate debt servicing costs;
- Improved budget documentation to make it more understandable by introducing more narrative information, graphs, tables, charts, glossaries and so forth;
- Held an extensive public budget consultative process, unprecedented in Winnipeg's history;
- Introduced a new policy whereby all capital projects with a total estimated cost of $10 million or more receive additional scrutiny and review by the City's Standing Committee on Fiscal Issues;
- Provided improved information/training to the City's departmental controllers during the business planning (and capital budget) development stage on various cost/benefit analysis methodology to ensure capital investments are sound;
- Encouraged life cycle costing and improved asset management through funding of special projects and systems;
- Received "buy-in" for the City's stringent debt management policy;
- Introduced an administrative challenge function to ensure a thorough objective review of capital projects;
- Introduced a new capital reporting system on a pilot project basis in the City's Public Works department, which is a department with a significant portion of the capital budget; and
- Conducted a major review of the City's infrastructure in the Strategic Infrastructure Reinvestment Policy Report (SIRP) in partnership with the private sector to develop long-term recommendations around improving the City's infrastructure.

---

[1] *Approved July 22, 1998 by City Council*

What do we plan to do?

- Improve reporting on the net operating impact of capital budget requests in order to make better capital budget decisions;
- Increase the frequency and accuracy of cash flow projections to better estimate debt servicing costs;
- Develop administrative procedures to support the new Council policy whereby all capital projects of $10 million or more require review by the Standing Committee on Fiscal Issues;
- Evaluate the pilot project in Public Works on capital reporting and possibly roll out to more or all departments;
- Follow up on the recommendations in the Strategic Infrastructure Reinvestment Policy Report (SIRP) on a priority basis;
- Integrate performance measurements into the capital budget process; and
- Continue to adhere to the City's stringent debt management policy despite inflationary and other pressures to keep debt and finance charges manageable.

5. Budget Summary

Capital Message

All governments face the challenge of balancing infrastructure needs with fiscal responsibility. Added to the challenge is the need to protect our environment and to ensure that Winnipeg is a smart, clean and sustainable city. This budget strikes a balance between competing needs.

Infrastructure needs – As outlined in the Strategic Infrastructure Reinvestment Policy (SIRP) Report, Winnipeg still has a way to go to fully address its infrastructure deficit. However, major capital investment is planned in the next six years in the following priority areas:

- $266 million for the City's water system, of which $199 million is dedicated to the development of a water treatment plant
- $222 million for hydro infrastructure
- $154 million for the City's regional street system, including $53 million for the new Provencher Bridge
- $149 million for land drainage and flood control, including $10 million for permanent secondary dikes
- $87 million for the City's transit system of which $68 million will go toward buying new transit buses; preliminary funding has also been made available for the Southwest Transit Corridor project
- $82 million for sewage disposal projects
- $52 million for residential street renewal

Fiscal responsibility – The City must assess its financial position and its budgets against three broad indicators: sustainability, flexibility, and vulnerability.

Sustainability – Sustainability is the degree to which a government can maintain existing programs and meet existing creditor requirements without increasing the debt burden on the economy. By managing the City's debt levels and the resultant debt servicing costs, pressure on property taxes can be managed ensuring that the capital program is financially sustainable. The City's debt reduction plan and move to pay-as-you-go capital financing have improved the City's position in this regard. This restraint, however, puts pressure on the speed in which Winnipeg can eliminate its infrastructure deficit.

Flexibility – Flexibility is the degree to which a government can increase its financial resources to respond to rising commitments. By creating dedicated revenue streams and special purpose reserves to fund major capital projects, the City has greatly increased its flexibility in this regard, although there is still work to be done in terms of building up the City's stabilization reserves to improve its overall financial flexibility.

Vulnerability – Vulnerability is the degree to which a government becomes dependent on, and therefore vulnerable to external sources of funding beyond its control. The City, through its long-term plan to internally finance tax-supported capital projects and avoid the need to issue new external debt has reduced its reliance on external debt financing considerably. The City will only require new external debt for utility operations, which is typical in those industries. The City does rely, however, on other levels of government to facilitate large scale and innovative capital programming as well as helping the City with its infrastructure renewal in general. We are hopeful that negotiations will result in joint efforts to ensure a strong infrastructure base for future generations. Negotiations are being held on the National Infrastructure Program; with the Province of Manitoba with respect to specific projects under the Urban Capital Projects Agreement; for a longer-term commitment to a residential street renewal program; and on other specific projects.

Environmental agenda – The adopted budget also includes capital projects that will help achieve the goals for a smart, clean and sustainable city. Some of these projects include:

- Water treatment plant
- Wastewater disinfection
- Combined sewer overflow mitigation
- Land drainage, flood protection and permanent secondary dikes
- South West Transit Corridor
- Pedestrian and cycle facilities
- Riverbank stabilization
- Reforestation
- E-government (to reduce paper needs)
- Asbestos removal in civic facilities

The capital estimates address the City's priority infrastructure requirements, are fiscally responsible, and include many projects that will help to protect our environment.

Total 2001 Capital Program

Figure 5.1: 2001 Total Capital Program

2001 TOTAL CAPITAL PROGRAM, INCLUDING UTILITIES
(in Millions of $)

		METHOD OF FINANCING			
		City			Provincial Funding
	GROSS	Debt	Pay-as-You-Go*	Other**	
Tax-supported:					
General	$ 81.5	$ -	$ 67.8	$ 4.0	$ 9.7
Transit	10.9	-	5.6	-	5.3
Subtotal	92.4	-	73.4	4.0	15.0
Utility:					
Hydro	37.8	37.8	-	-	-
Water/Sewer	27.7	-	27.7	-	-
Subtotal	65.5	37.8	27.7	-	-
TOTAL	**$ 157.9**	**$ 37.8**	**$ 101.1**	**$ 4.0**	**$ 15.0**

* *Pay-as-you-go* financing includes internal financing through the General Reserve, financing from retained earnings or special reserves, and dedicated revenue streams such as frontage levies and special utility rate charges.

** *Other* relates to development agreement paybacks and other Provincial/Federal partnerships.

Total Six-Year Capital Program

The total six-year capital program, including the five-year forecast, is **$1,165.0** million as follows:

Figure 5.2: Total Six-Year Capital Program

TOTAL GROSS CAPITAL PROGRAM, INCLUDING UTILITIES
2000 - 2006
(in Millions of $)

Adopted 2000	Adopted 2001	Capital Forecast 2002	2003	2004	2005	2006	Total 2001 - 2006
$ 135.0	$ 157.9	$ 178.1	$ 193.8	$ 240.4	$ 233.8	$ 161.0	**$ 1,165.0**

The breakdown of the gross capital into tax-supported capital works and utility projects follows:

Figure 5.3: Total Gross Capital Program – Tax-Supported and Utilities

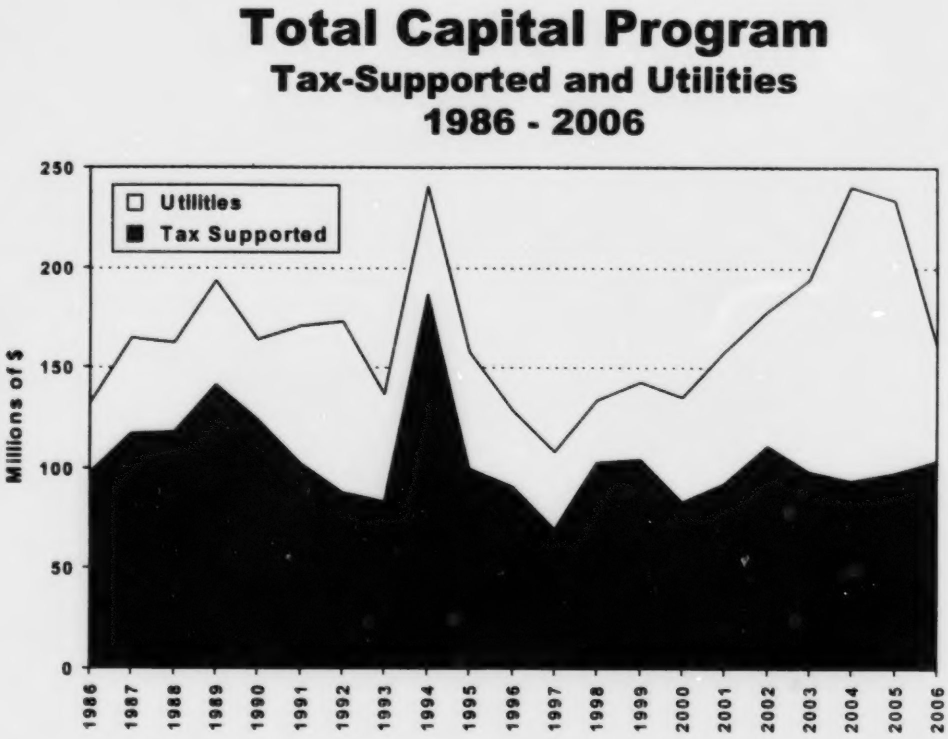
TOTAL GROSS CAPITAL PROGRAM
2000 - 2006
(in Millions of $)

	Tax-Supported (Including Transit)	Utilities	Total
Adopted 2000	$ 83.7	$ 51.3	$ 135.0
Adopted 2001	$ 92.4	$ 65.5	$ 157.9
Forecasts			
2002	111.0	67.1	178.1
2003	98.3	95.5	193.8
2004	93.6	146.8	240.4
2005	97.4	136.4	233.8
2006	103.4	57.6	161.0
2001 - 2006 Total	**$ 596.1**	**$ 568.9**	**$ 1,165.0**

Approximately $596.1 million or 51% of the 2001 to 2006 capital program is allocated to tax-supported projects - $87.4 million of this amount relates to Transit. The remaining $568.9 million or 49% is dedicated to utility projects.

The following graph provides a historical analysis of the capital programs approved from 1986 to 2001. It also shows the capital forecast for 2002 to 2006. The tax-supported program has remained relatively stable over the years, with the exception of the inclusion of the Canada/Manitoba/Winnipeg Infrastructure Program in 1994. The utility program does show growth, primarily due to a new water treatment plant proposed to be in operation by 2006. An amount of $199.0 million has been included in the 2001 to 2006 capital program to build the plant, of which $97.0 million will be financed from the reserve set up for this purpose.

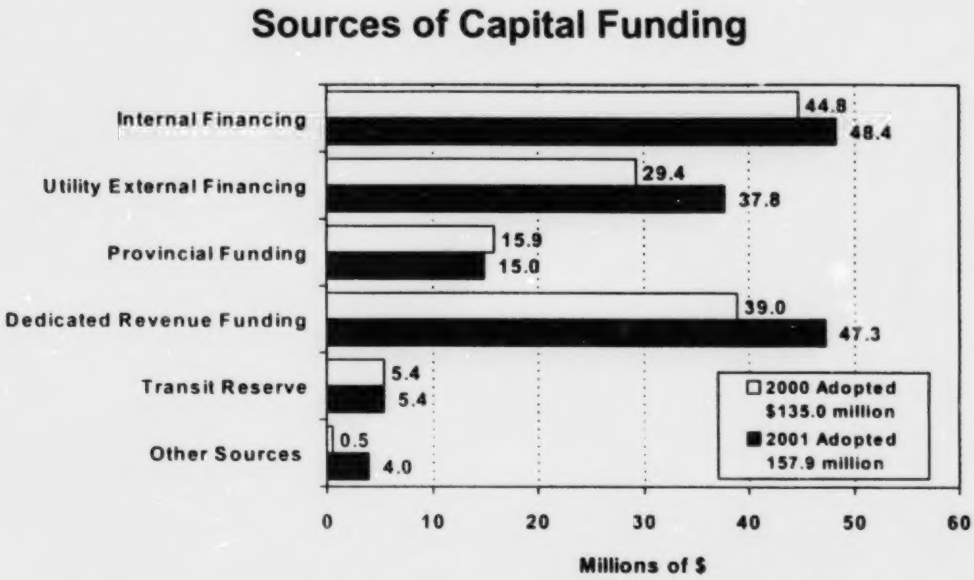
Figure 5.4: Total Capital Program – 1986 - 2006

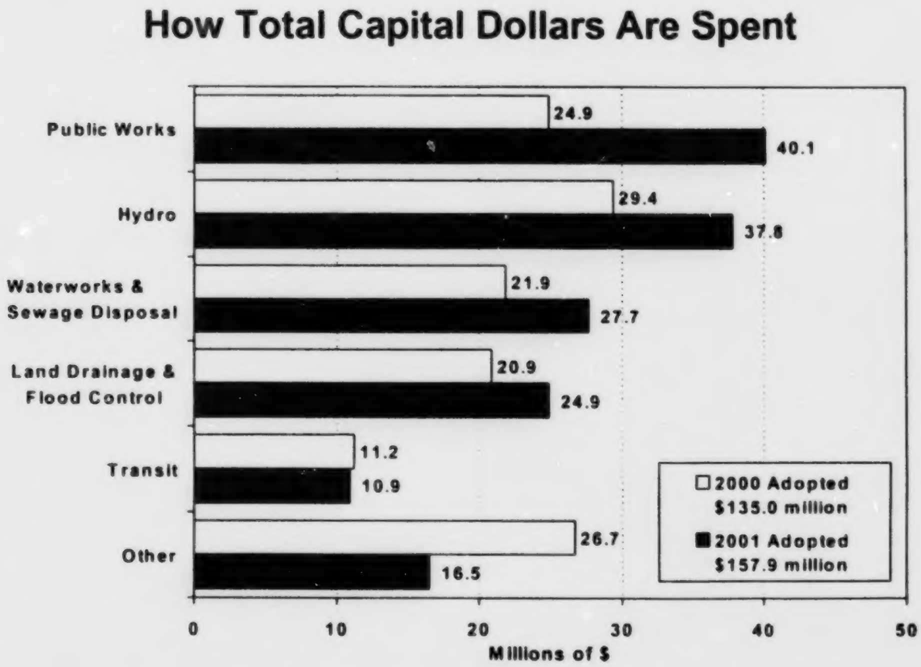


1986-2001 Adopted Budgets
2002-2006 Five-Year Capital Forecast
NOTE: 1994 includes the Canada/Manitoba/Winnipeg Infrastructure Program

The following graphs show the breakdown of the total 2001 capital program, first by sources of funding and then by program and compares it to the 2000 adopted capital budget. The total 2001 program is $157.9 million, compared to $135.0 million in 2000.

Figure 5.5: 2001 Sources of Capital Funding and How Total Capital Dollars are Spent





Major Projects

The 2001 capital estimates include a number of important infrastructure initiatives for the citizens of Winnipeg. The residential street renewal program of $5.1 million, regional street renewal program of $6.6 million and funding for the Provencher Bridge are the major components of the Publics Works capital estimates. Winnipeg Hydro will continue rehabilitation work on Pointe du Bois and Slave Falls generating station equipment. Environmental projects such as wastewater disinfection and combined sewer overflow mitigation, and water supply projects such as the water treatment plant, Shoal Lake aqueduct rehabilitation, watermain renewal and permanent secondary diking form the majority of the Water and Waste capital estimates. Additionally, there are other small or more routine capital estimates for projects such as Transit bus and information system replacement. More information on major projects is provided on the following pages.

An overview of the total capital program identifies major program areas:

Figure 5.6: Total Gross Capital Program – Major Program Areas

TOTAL GROSS CAPITAL PROGRAM
2000-2006
(in Millions of $)

	Adopted 2000	Adopted 2001	Capital Forecast					2001-2006 Total
			2002	2003	2004	2005	2006	
Tax-Supported:								
Public Works *(incl. Local Improvements)*	$ 24.9	$ 40.1	$ 51.3	$ 41.6	$ 36.2	$ 34.6	$ 40.3	$ 244.1
Land Drainage & Flood Control	20.9	24.9	28.3	21.6	23.6	25.8	25.2	149.4
Transit	11.2	10.9	12.6	13.2	14.3	14.7	21.7	87.4
Planning, Property & Development	9.5	6.9	7.1	10.2	8.0	7.1	4.4	43.7
Community Services *(incl. Incentive Grants)*	2.1	2.3	3.0	3.6	3.7	4.1	2.7	19.4
Protection	5.1	1.4	-	1.6	1.8	2.9	0.4	8.1
Other	10.0	5.9	8.7	6.5	6.0	8.2	8.7	44.0
Total Tax-Supported	**$ 83.7**	**$ 92.4**	**$ 111.0**	**$ 98.3**	**$ 93.6**	**$ 97.4**	**$ 103.4**	**$ 596.1**
Utility Operations:								
Waterworks	$ 17.6	$ 15.7	$ 18.2	$ 36.9	$ 92.9	$ 92.9	$ 8.9	$ 265.5
Hydro	29.4	37.8	34.5	41.5	35.4	33.1	39.5	221.8
Sewage Disposal	4.3	12.0	14.4	17.1	18.5	10.4	9.2	81.6
Total Utilities	**$ 51.3**	**$ 65.5**	**$ 67.1**	**$ 95.5**	**$ 146.8**	**$ 136.4**	**$ 57.6**	**$ 568.9**
Total	**$ 135.0**	**$ 157.9**	**$ 178.1**	**$ 193.8**	**$ 240.4**	**$ 233.8**	**$ 161.0**	**$ 1,165.0**

A summary of all projects is included in the Capital Projects Summary and specific details of various projects comprising the program can be found in the Capital Projects Detail found later in this document.

Infrastructure Initiatives

Street Renewal

The capital estimates include a residential street renewal program that accelerates over the six-year period from an annual program of $5 million to a $10 million program. The total amount included for residential street renewal over the 6-year capital plan is $52 million. The City will continue to request funding from other levels of government to augment the program. In 2000, the Province contributed $3 million for this purpose, making $8 million available for this important infrastructure renewal program. Approximately 50 blocks of residential streets were renewed under the 2000 program.

Curb Repair, Sidewalk and Lane Renewals

The 2001 to 2006 capital budget includes $1.5 million for the curb repair program to improve the condition of concrete curbs on residential streets. The sidewalk renewal program includes funding of $4.4 million to improve the condition of residential, and in some cases, regional street sidewalks and provide safe access for pedestrian traffic. A lane renewal program of $6.5 million from 2003 to 2006 provides funding for the renewal of alleys throughout the City.

Regional Street System

Winnipeg's regional street system is vital to the movement of traffic and goods throughout the City. It represents 20% of the total street infrastructure and carries approximately 80% of the traffic. The regional system is made up of approximately 1,720 lane kilometres and has a replacement value of about $1 billion.

The 2001 to 2006 capital budget includes $154.2 million for the regional streets system. The portion related to street renewals, improvements and new streets is $67.2 while spending on bridges, overpasses and culverts is $79.8 million. The largest bridge project included in the plan is the Provencher Paired Bridges Project.

Provencher Paired Bridges Project

In 1998, a Project Advisory Committee (PAC) brought community and city-wide stakeholders together to plan the future of the aging Provencher Bridge. The PAC followed a comprehensive planning process, and looked at land use, social, economic and environmental factors in the communities surrounding the project. Project goals were developed with local community values and aspirations in mind.

Comprehensive information was provided to the public through regular newsletters and display advertising, and public opinion was sought through response coupons, a project hotline, open houses, and surveys of neighbourhood and city-wide residents as well as area businesses on Provencher Boulevard and at The Forks. The public indicated overwhelming preference for a new bridge, and the PAC reached unanimous consensus on the *New Paired Bridges* alternative as the choice that best fulfilled the project goals.

At its meeting held on September 5, 2000, Council approved the design for the Provencher Paired Bridges Project, authorized the commencement of detailed engineering design, environmental impact assessment and all things necessary for tendering the construction works.

The *Paired Bridges* Project involves the replacement of the existing Provencher Bridge with two separate bridges – one primarily designed for vehicles and commuter cyclists and the other designed exclusively for pedestrians and recreational users. The project implementation plan includes Centre*Venture* Development Corporation as a partner for the development of the pedestrian bridge as part of the Boulevard Pedestrian Link Project. This pedestrian walkway project links the former St. Boniface City Hall with Broadway at Main Street. The City has allocated up to $5.6 million from the project budget for the pedestrian bridge, that being the cost of a multi-use sidewalk not required on the south side of the vehicular bridge because of the pedestrian bridge. The estimated cost of the pedestrian bridge is $15 million with Centre*Venture* Development Corporation securing the balance of funding required.

The project is divided into the following implementation phases:

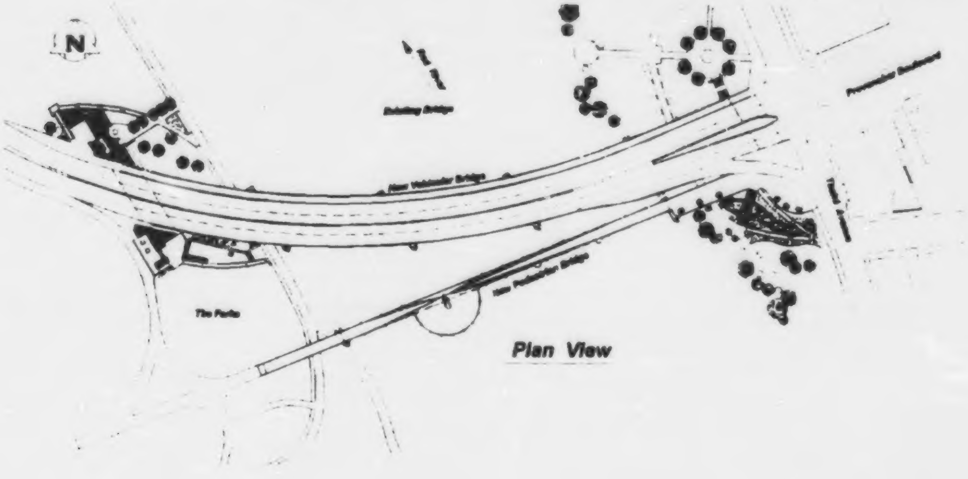
Figure 5.7: Provencher Paired Bridges Project – Implementation Phases

PHASE	DESCRIPTION	TIME FRAME
Phase I	Design	January to June 2000
Council Approval	Final plan	July 2000
Phase II	Detailed design & environmental licensing	Sept 2000 to May 2001
Council Approval	Construction contract award	June 2001
Phase III	Construction	July 2001 to August 2003

The total cost of the project is $68 million and the funding sources are as follows:

	(in millions)
Public Works *	$57.0
Water and Waste – Dumoulin Forcemain $1.0 million, other water and sewer renewal $0.4 million	1.4
Centre*Venture* – Pedestrian Bridge	9.4
Other Utilities (MTS)	0.2
Total	$68.0

*$4 million approved in 2000 and a further $53 million in the 2001 to 2006 capital estimates.



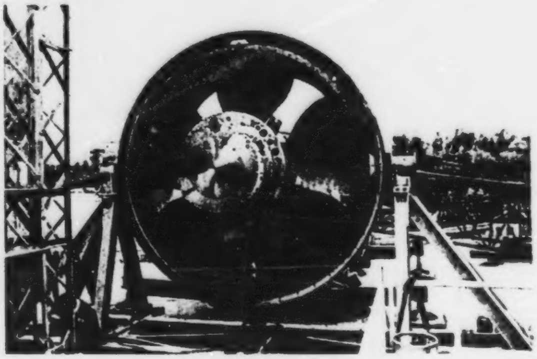
Hydro Turbine/Generator Replacement Program

Winnipeg Hydro's capital investment program for 2001 to 2006 totals approximately $222 million and includes significant generation improvement programs. The plan provides Winnipeg Hydro with the opportunity to increase its generation output and minimize transmission losses, thereby reducing costs associated with the power agreement between Winnipeg Hydro and Manitoba Hydro. Some significant projects include:

	(in millions)
Straflo units (#3, 4, 5 and 6)	$58.0
Pointe du Bois transmission line upgrade	$39.0
Slave Falls channel improvements (Sturgeon Falls)	$ 5.5
Slave Falls turbine runner rehabilitation	$ 3.6

Winnipeg Hydro operates a generating station at Pointe du Bois that has been in service since 1911. Based on a projected life of approximately one hundred years, it is estimated that by 2010, the entire plant, associated dams and structures will need to be replaced or rehabilitated. A 1995 study concluded that the cost to successfully rehabilitate the existing plant would be significantly less than the replacement cost. Estimated to cost $220.0 million, this rehabilitation will extend the plant's life by 50 to 75 years and nearly double the electrical generating capacity.

In 1994, a fund for the investment of the future renewal/redevelopment of the Pointe du Bois generating station was established. Winnipeg Hydro makes an annual contribution to this fund equal to 1.4% of the previous year's sale of electricity. The projected investment is estimated to total $75.0 million by the end of 2010. The market value of the investment at the end of 2000 was $22.5 million. Dependent upon the continued success of the first Straflo turbine installation at Pointe du Bois, funds in the investment may be used to accelerate additional turbine installations.



Turbine runner for Straflo Unit#1 at Pointe du Bois

Environmental Projects

Wastewater Disinfection

New environmental regulations adopted by the province in 1993 require the City to disinfect effluent from each of its wastewater treatment plants. The regulations were a result of a review with recommendations on surface water quality objectives by the Clean Environment Commission in 1992. The regulations require the wastewater treatment plant effluent to meet the same limit as required for recreational beaches.

The 2001 to 2006 capital budget includes $15.0 million for construction of a disinfection facility at the North End Water Pollution Control Centre. This follows the recent completion of a $4.3 million disinfection facility at the South End Water Pollution Control Centre, which commenced operation in July of 1999. The South End facility utilizes ultraviolet light for disinfection prior to discharge to the Red River. The process readily meets the environmental objectives, is environmentally safe and does not create chemical by-products. This technology is expected to be an alternative for the North End facility.

Combined Sewer Overflow Mitigation

Responsibility for water quality within city limits was delegated to the City of Winnipeg prior to the passage of the Manitoba Environment Act in 1987. It was under this new Act in 1987 that responsibility was transferred to the Province. In undertaking their new responsibilities, the Province initiated a review and regulatory development process that included Clean Environment Commission (CEC) public hearings. One of the major recommendations of the CEC was for site-specific studies to be undertaken by the City to determine water quality impacts and formulate remedial measures. The combined sewer overflow study provides the technical basis for the development of environmental regulations for combined sewer overflows.

All alternatives to mitigate or eliminate the combined sewer overflow are costly. To eliminate the overflows would cost over $1.0 billion. The combined sewer overflow study has investigated less costly alternatives that would significantly reduce but not eliminate the overflows. The 2001 to 2006 capital budget includes funding of $1.0 million in each of the years 2001 and 2002, and $5.0 million in each year from 2003 to 2006, for a total of $22 million over the 6 years. This funding recognizes the possible requirement for a long-term control program.

The established decision process is for the province to request further public hearings through the Clean Environment Commission prior to setting final environmental regulations. This process has not been scheduled, but potentially could take place within 2001. Council will be informed of the outcomes of the study and the recommended City position for combined sewer overflow mitigation in 2001 in advance of any hearings.

Water Supply

Water Treatment Plant

In 1994, Council adopted the recommendation that the City plan for water treatment to protect public health and to meet more stringent water quality guidelines. A Water Treatment Reserve Fund was created to provide approximately 50% of the cost of a water treatment plant at the time of construction.

Between 1994 and 1998, $2.5 million in funding was approved for pilot studies and conceptual design. In 1999, the technical work was completed and a Council Seminar was conducted to present a summary of water quality guidelines, public health risks and consequences, recommended water treatment process, the estimated cost and financing of a water treatment plant. Also in October 1999, a special meeting of Executive Policy Committee (EPC) was held to gather public input on the need to construct a water treatment plant. The final report recommending the water treatment program was considered by EPC on October 11, 2000 and approved by Council on November 22, 2000. The water treatment plant is estimated to be in service in 2006 at an estimated project cost of $204.0 million, as follows:

Figure 5.8: Water Treatment Plant

Water Treatment Plant (millions of $)	Adopted in Prior Years	Adopted 2001	Capital Forecast					Total Project Costs
			2002	2003	2004	2005	2006	
Preliminary Engineering & Pre-Design	4.0	-	-	-	-	-	-	$ 4.0
Functional & Detailed Design & Construction	1.0	3.0	6.0	26.0	84.0	80.0	-	$ 200.0
Total	5.0	3.0	6.0	26.0	84.0	80.0	-	$ 204.0
Plant to be operational by 2006, with 50% cash financed through the Water Treatment Reserve Fund.								

Shoal Lake Aqueduct

The Shoal Lake Aqueduct, which has been in service since March of 1919, delivers water from Shoal Lake on the Manitoba-Ontario border to Winnipeg, a distance of 97 miles. The Aqueduct is the City's only water supply conveyance element from the source. Comprehensive condition assessments of the Aqueduct were undertaken from 1988 to 1996 in order to identify and schedule any needed rehabilitation works.

The objective of the rehabilitation component of the program is to extend the operational life of the Aqueduct for at least another fifty years. The rehabilitation commenced in 1996 and is scheduled for completion by the end of 2003. Generally, the rehabilitation work remaining includes the sealing of longitudinal cracks and joints, repair of drainage siphon structures, inspection and repair of the underdrain system, repair of the Tache Booster Pumping Station and Surge Tower, installation of an Aqueduct flow level monitoring system and riverbank stabilization works at the Aqueduct crossing of the Seine River.

By the end of 2000, a total of $38.2 million will have been spent on the condition assessment and rehabilitation works. The cost of the entire program is estimated at $53.8 million. It should be noted that only limited funds were expended on Aqueduct inspection and maintenance prior to the commencement of this program. Beyond this program, an annual inspection and maintenance program will be required to achieve the extended operational life.

Information Systems Replacements

Enterprise Resource Planning (ERP) System

The ERP Project is a multiphase project that replaces the Financial Management System (FMS) and the Human Resource Information System (HRIS). Utilizing new technology, it will:

- support the controllership function,
- decentralize various components of the procurement cycle, and
- provide decentralized management reports.

ERP systems are the "one-stop shop" for an organization's core business systems needs. It is an integrated system that includes the development and implementation of appropriate computer hardware, computer software, financial policies, procedures, methods and associated training. The project involves the business process re-engineering (BPR) and replacement of the human resource and payroll functions as well as the core financial systems which include the general ledger, accounts payable, purchasing, budgetary control, financial controller, accounts receivable and work order systems. The Human Resources component of an ERP system will be completely integrated with all other components of the system such as work management, general ledger, accounts payable, budgetary control, and inventory.

As a first step, the scope and benefits of the ERP Project will be defined through a business case analysis/project charter in 2001. January 2003 is the targeted date of implementation for the project. Total project costs are estimated to be $27.7 million and are budgeted through two departments – under Corporate Finance as the Financial Management System (FMS) and under Corporate Services as the Enterprise Resource Planning (ERP) System as follows:

Figure 5.9: Enterprise Resource Planning System

Enterprise Resource Planning System (millions of $)	Adopted in Prior Years	Adopted 2001	Capital Forecast					Total Project Costs
			2002	2003	2004	2005	2006	
Financial Management System	9.5	1.4	3.7	2.5	1.5	2.5	2.5	$ 23.6
Enterprise Resource Planning System	1.4	2.2	-	0.5	-	-	-	$ 4.1
Total	10.9	3.6	3.7	3.0	1.5	2.5	2.5	$ 27.7

6. Financing

Financing for the Total Gross Capital Program

To finance capital projects, the City uses both external and internal financing. External financing requires the City to issue debentures in the capital markets. Internal financing is a method whereby the City finances tax-supported capital projects by borrowing from its own General Reserve Fund. These borrowings have established amortization schedules for regular payments of principal and interest over a defined time frame. The City's General Revenue Fund pays back the General Reserve Fund. The City's General Reserve Fund grows annually by the amount of interest payments, thus enabling increased ability to finance further capital projects. In addition, this source of financing allows greater flexibility than is available through debenture debt financing. General Reserve internal financing is considered tax-supported borrowing as the annual payments of principal and interest are budgeted for in the City's current estimates. All borrowing requirements for tax-supported programs are completely internally financed in the six-year plan.

Figure 6.1: Financing Sources for the Total Gross Capital Program

FINANCING SOURCES FOR THE TOTAL GROSS CAPITAL PROGRAM
2000-2006
(in Millions of $)

	Adopted 2000	Adopted 2001	Capital Forecast					2001-2006 Total
			2002	2003	2004	2005	2006	
Internal Financing	$ 44.8	$ 48.4	$ 52.2	$ 56.4	$ 61.0	$ 61.0	$ 61.0	$ 340.0
Interim Financing*	-	-	13.1	1.0	(8.0)	(6.1)	-	-
External Financing (Utilities)	29.4	37.8	34.5	41.6	69.3	101.1	39.5	323.8
Sub-total Financing	**74.2**	**86.2**	**99.8**	**99.0**	**122.3**	**156.0**	**100.5**	**663.8**
Provincial Funding**	15.9	15.0	16.4	16.0	16.0	16.0	16.0	95.4
Other Provincial/Federal Partnerships***	-	3.8	5.0	0.6	-	-	-	9.4
Dedicated Revenue Funding - Frontage Levy and Special Utility Rate Charges	39.0	47.3	51.2	72.5	96.0	53.9	36.7	357.6
Transit Reserve	5.4	5.4	5.4	5.7	5.8	5.9	6.1	34.3
Other Sources****	0.5	0.2	0.3	-	0.3	2.0	1.7	4.5
Sub-total Other Funding	**60.8**	**71.7**	**78.3**	**94.8**	**118.1**	**77.8**	**60.5**	**501.2**
Total	**$ 135.0**	**$ 157.9**	**$ 178.1**	**$ 193.8**	**$ 240.4**	**$ 233.8**	**$ 161.0**	**$ 1,165.0**

[*] Interim financing represents the portion of the Provencher Bridge project that will be financed on a short-term basis from the General Reserve and/or short-term promissory notes until long-term financing is available from the General Reserve.

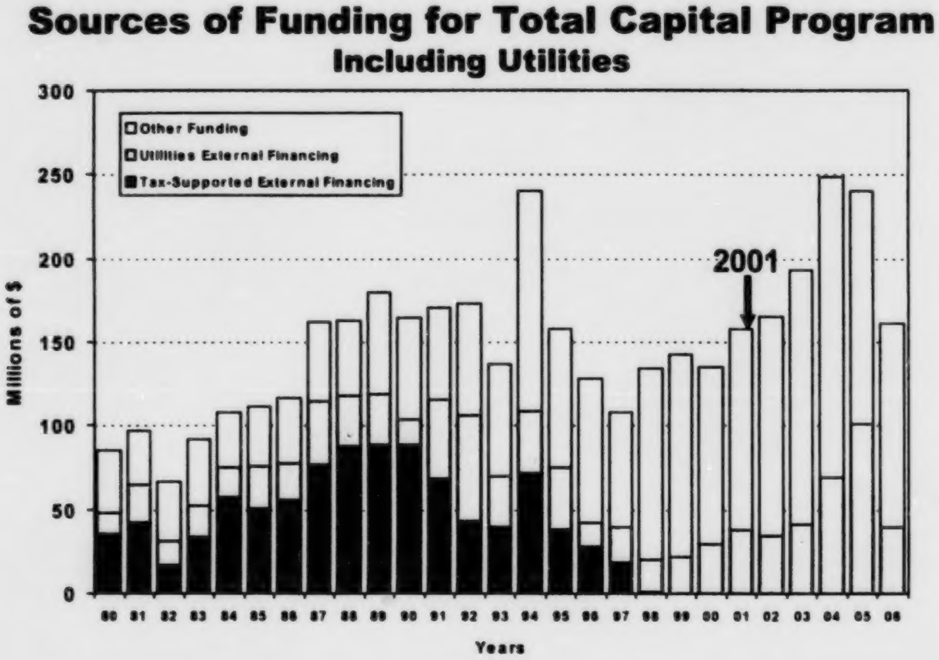
[**] Provincial funding for the period from 2003 to 2006 assumes a continuation of UCPA agreements. The assumed Provincial commitment is $96 million over six years.

[***] Other Provincial/Federal Partnerships relate to the building of Permanent Secondary Dikes.

[****] Other Sources for the years 2000 to 2006 reflect recoveries from developers.

The following graph shows the trend in funding sources from 1980 to 2006. The data for 1980 to 2001 represents adopted budgets, and the figures for 2002 to 2006 are based on the five-year forecast.

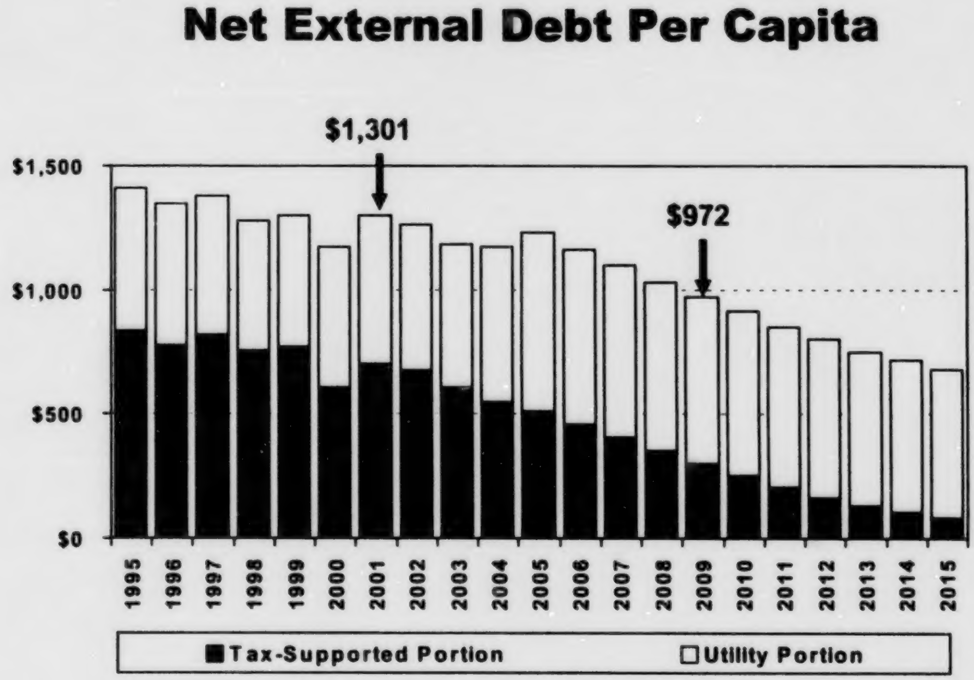
Figure 6.2: Sources of Funding for Total Capital Program – Including Utilities



1980-2001 Adopted Budgets; 2002-2006 Five-Year Capital Forecast
1994 Includes Canada/Manitoba/Winnipeg Infrastructure Program
Other includes pay-as-you-go and Provincial funding
Excludes interim financing

Note that starting in 1999, tax-supported financing is on a pay-as-you-go basis and the proposed external debt required is for utilities only. The increase in external financing required in 2004 and 2005 for utilities relates to the proposed water treatment plant. Similarly, the increase in other funding during 2003 to 2005 also relates to financing the proposed water treatment plant from the reserve established for that purpose.

Figure 6.3: Net External Debt Per Capita



Progress has been made in reducing debt levels at the City as a result of measures put in place by City Council. The net external debt per capita is projected to be $1,301 for 2001, a decrease from $1,411 in 1995. One of the goals in the Financial Management Plan is to reduce the net external debt per capita to $1,000, which is projected to be achieved by 2009.

Financing for Tax-Supported Projects, Including Transit

Financing sources for the 2001 to 2006 tax-supported capital estimates, including transit are as follows:

Figure 6.4: Financing Sources for the Tax-Supported Capital Program – Including Transit

FINANCING SOURCES FOR THE TAX-SUPPORTED CAPITAL PROGRAM - INCLUDING TRANSIT
2000-2006
(in Millions of $)

	Adopted 2000	Adopted 2001	Capital Forecast					2001-2006 Total
			2002	2003	2004	2005	2006	
Internal Financing	$ 44.8	$ 48.4	$ 52.2	$ 56.4	$ 61.0	$ 61.0	$ 61.0	$ 340.0
Interim Financing*	-	-	13.1	1.0	(8.0)	(6.1)	-	-
Provincial Funding**	15.9	15.0	16.4	16.0	16.0	16.0	16.0	95.4
Other Provincial/Federal Partnerships***	-	3.8	5.0	0.6	-	-	-	9.4
Dedicated Revenue Funding - Frontage Levy	17.1	19.6	18.6	18.6	18.5	18.6	18.6	112.5
Transit Reserve	5.4	5.4	5.4	5.7	5.8	5.9	6.1	34.3
Other Sources****	0.5	0.2	0.3	-	0.3	2.0	1.7	4.5
Total	**$ 83.7**	**$ 92.4**	**$ 111.0**	**$ 98.3**	**$ 93.6**	**$ 97.4**	**$ 103.4**	**$ 596.1**

* Interim financing represents the portion of the Provencher Bridge project that will be financed on a short-term basis from the General Reserve and/or short-term promissory notes until long-term financing is available from the General Reserve.

** Provincial funding for the period from 2003 to 2006 assumes a continuation of UCPA agreements. The assumed Provincial commitment is $96 million over six years.

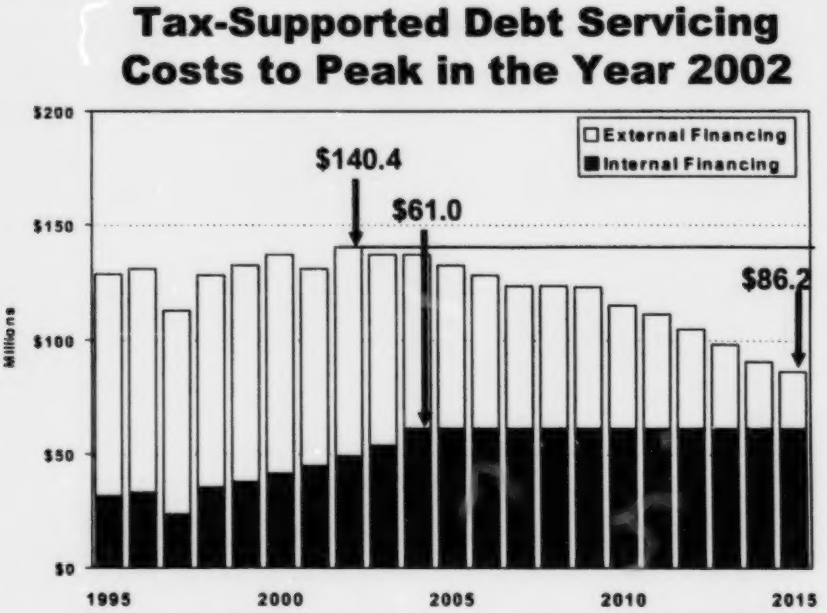
*** Other Provincial/Federal Partnerships relate to the building of Permanent Secondary Dikes.

**** Other Sources for the years 2000 to 2006 reflect recoveries from developers.

Debt and Finance Charges

Prior borrowing authorizations from the late 1980's and early 1990's will continue to result in increased debt and finance charges until 2002. The City has taken measures to reduce the impact of higher debt and finance charges including limiting the amount of new capital spending to the amount available each year in the General Reserve Fund. This practice is projected to continue until 2004 when there will be sufficient funding available from the General Reserve Fund to internally finance the entire $61.0 million borrowing limit set by Council. The City did not issue any new tax-supported debt in 1998 as there was sufficient cash flow from operations available to provide for all financing needs in 1998. Debt and finance charges are forecasted to peak in 2002 at $140.4 million, which is down $9.3 million from what was projected in 1998. These costs are reflected in the City's tax-supported operating budget, which was adopted on December 12, 2000.

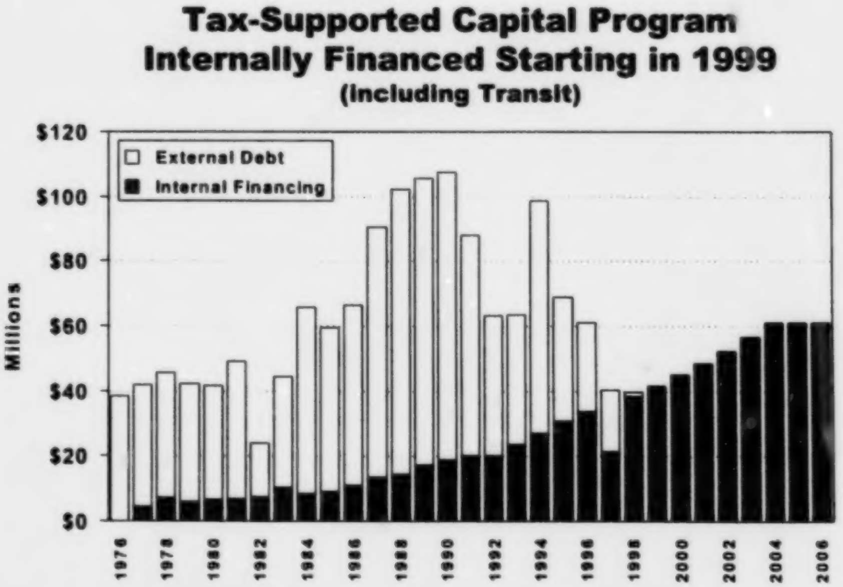
Figure 6.5: Tax-Supported Debt Servicing Costs



Tax-Supported Debt Servicing Costs to Peak in the Year 2002

Based on the 2001Adopted Capital Estimates and 2002-2006 Five-Year Capital Forecast capped at $61.0 million per year commencing in 2004 with revised General Reserve Financing.

Figure 6.6: Tax-Supported Capital Program Financing – 1976 to 2006



Tax-Supported Capital Program Internally Financed Starting in 1999 (Including Transit)

1976-2001 Adopted Budgets; 2002-2006 Five-Year Capital Forecast
1994 includes the Canada/Manitoba/Winnipeg Infrastructure Program
Excludes interim financing

Provincial Funding

Provincial funding included in the 2001 to 2006 capital program is $95.4 million and relates to funding under existing and possible future Urban Capital Projects Allocation Agreements (UCPA) of $93.4 million as well as 50/50 matched funding for a specific capital project to retrofit and repair the Tyndall stone cladding of the Convention Centre. An overview is provided below:

Figure 6.7: Provincial Funding 2000 - 2006

PROVINCIAL FUNDING 2000 - 2006
(in Millions of $)

	Adopted 2000	Adopted 2001	Capital Forecast					2001-2006 Total
			2002	2003	2004	2005	2006	
UCPA III	$ 14.6	$ 14.7	$ 14.7	$ -	$ -	$ -	$ -	$ 29.4
UCPA IV *	-	-	-	16.0	16.0	16.0	16.0	64.0
Sub-total UCPA	**14.6**	**14.7**	**14.7**	**16.0**	**16.0**	**16.0**	**16.0**	**93.4**
VLT Revenue for Convention Centre	1.3	0.3	1.7	-	-	-	-	2.0
Total	**$ 15.9**	**$ 15.0**	**$ 16.4**	**$ 16.0**	**$ 16.0**	**$ 16.0**	**$ 16.0**	**$ 95.4**

* Assumes continuation of UCPA funding after the current agreement expires.

Future funding from cost-sharing capital projects under the National Infrastructure Program has not been included in the above summary as this funding has yet to be negotiated. Also excluded is any cost-sharing of permanent secondary dikes.

UCPA

The current Urban Capital Projects Allocation (UCPA III) covers a six year period from April 1, 1997 to March 31, 2003. UCPA III includes $30 million in unconditional funding for City priorities and $66 million for infrastructure renewal and strategic enhancements, for a total of $96 million. In the first four years of this agreement, the Province announced over $66 million in commitments. This left an average of $14.7 million per year in UCPA III funding for the remaining two years. The amount of Provincial funding for 2001 under this agreement must still be negotiated.

The City expects to negotiate a continuation of UCPA funding after the completion of the UCPA III agreement. These capital estimates include a provision for UCPA IV funding similar to UCPA III.

The following is a listing of selected capital projects included in the 2001 Annual Capital Estimates, which the City would like the Province to consider for possible funding under this agreement.

Figure 6.8: UCPA III - 2001 Draft Project List

UCPA III - Infrastructure Renewal & Strategic Enhancement

Draft Project List for 2001	Total Project Budget
Regional Street - New	
Moray St Extension to Grant Ave	$1,000,000
Regional Street Improvements	
Kenaston Blvd. (Academy to Taylor)	100,000
Regent Ave (Panet to Rougeau)	1,957,000
Regional Street Renewals	
Cumberland Ave (Maryland to Hargrave)	320,000
Bishop Grandin Blvd (St Anne's to Fort Garry Bridge)	800,000
Inkster Blvd (Main to Arlington)	200,000
Waverley St (Wilkes to Clarence)	1,815,000
Portage Ave eastbound (St Charles to David)	436,000
Grant Ave (Chalfont to Shaftesbury)	1,460,000
Portage Ave westbound (Sharp to Ferry)	1,575,000
Bridges / Culvert	
Route 90 Underpass at Logan	250,000
Bridge Deck Restoration - Deck Sealing Program	400,000
Culvert Replacement Ellice at Omand's Creek	850,000
Arlington Overpass	350,000
Disraeli Bridge and Overpass	100,000
Other Traffic Projects	
Traffic Engineering Improvements - Various Locations	455,000
Pedestrian & Cycle Facilities - Various Locations	300,000
Reforestation Program - Improvements	300,000
Assiniboine Park Zoo Improvements	200,000
Police - Telephone Intercept System Replacement	441,000
Fire Paramedic - Fire Station Rationalization (combining stations No. 4 & No. 13)	1,000,000
Riverbank Stabilization	200,000
Community Revitalization (MWCRP)	
West End	750,000
St Boniface	1,300,000
Transit - Regular Buses	10,711,000
Total	**$27,270,000**

Residential Street Renewals Programs – A $5.1 million program has been included in the 2001 Adopted Capital Budget. The six-year plan includes $51.6 million. As residential street renewals are a priority, the City is in negotiation with the Province for matched funding over and above the UCPA commitment for this important program. The City is committed to proceed with its share of the work regardless of a Provincial commitment.

Convention Centre Cladding – Video Lottery Terminal (VLT) Revenue – The budget includes 50/50 cost sharing of the Convention Centre Cladding capital project. The total cost of the project is $6.6 million, of which $2.6 million was approved in 2000, $0.6 million is included in 2001, and $3.4 million in 2002. The requested Provincial financing of $3.3 million would be over and above the Urban Capital Projects Allocation funding and would be from the 25% urban economic development project component of the Province's revenue from video lottery terminals. This is distinct from the basic annual operating grant received from the Province related to video lottery terminal revenue.

Other Cost-Shared Agreements – The Province also supports capital programming in the City of Winnipeg through the Winnipeg Development Agreement.

Financing for Utilities

The following chart provides greater detail for utility financing requirements in 2001 and for the 2002 to 2006 forecasts.

Figure 6.9: Financing Sources for the Utility Capital Program

FINANCING SOURCES FOR THE UTILITY CAPITAL PROGRAM
2000-2006
(In Millions of $)

	Adopted 2000	Adopted 2001	Capital Forecast					2001-2006 Total
			2002	2003	2004	2005	2006	
External Financing								
- Hydro	$ 29.4	$ 37.8	$ 34.5	$ 41.6	$ 35.3	$ 33.1	$ 39.5	$ 221.8
- Waterworks	-	-	-	-	34.0	68.0	-	102.0
Sub-total External Financing	**29.4**	**37.8**	**34.5**	**41.6**	**69.3**	**101.1**	**39.5**	**323.8**
Pay-As-You-Go								
Projects Financed by Frontage Levies								
- Watermain Renewal	6.5	7.5	7.0	7.0	7.0	7.0	7.0	42.5
- Wastewater Sewer Renewal	0.4	0.4	0.4	0.4	0.5	0.4	0.4	2.5
Projects Financed by Special Utility Rate Charges:								
- Aqueduct Renewal	5.0	5.0	4.4	2.4	-	-	-	11.8
- Water Treatment	2.5	3.0	6.0	26.0	50.0	12.0	-	97.0
- Sewer Environmental	1.0	7.5	9.5	5.8	6.0	6.0	5.0	39.8
Projects Financed by Retained Earnings								
- Waterworks	3.6	0.2	0.8	1.5	1.9	5.9	1.9	12.2
- Sewer	2.9	4.1	4.5	10.8	12.1	4.0	3.8	39.3
Sub-total Pay-As-You-Go	**21.9**	**27.7**	**32.6**	**53.9**	**77.5**	**35.3**	**18.1**	**245.1**
Total	**$ 51.3**	**$ 65.5**	**$ 67.1**	**$ 95.5**	**$ 146.8**	**$ 136.4**	**$ 57.6**	**$ 568.9**

The preceding chart indicates that total external utility financing will average approximately $54 million over the six-year period, up from an average of $51 million in 2000 ($39 million in 1999). This is primarily due to the introduction of a Water Treatment Plant, which will be funded partially by external financing and partially by cash reserves in the Water Treatment Reserve set up for this purpose. The six-year capital program for Hydro (from 2001 to 2006) is $222 million and has increased primarily as a result of the turbine/generator replacement program at Pointe du Bois. Commencing in 1997, Hydro began to externally finance its entire capital program, instead of using working capital to fund a portion, as it had historically been able to do. Frontage levies, utility rate charges, and retained earnings continue to be major financing components of the capital program for the water and sewer utilities.

Due to the success of the Watermain Renewal Program in improving the overall condition of the City's watermains, the watermain frontage levy was reduced by $0.45 per frontage foot from $1.10 to $0.65 in 1998. That $0.45 decrease in the watermain frontage levy was added to the sewer frontage levy. With no net impact to the taxpayer from the shift, the funding available for combined sewer renewals and combined sewer flood relief programs was substantially increased. The sewer frontage levy was $1.60 per frontage foot in 1999, $1.75 in 2000, and $1.90 in 2001. A $0.15 increase translates into an incremental cost to property owners of $7.50 per year assuming a 50-foot frontage. This $0.15 increase will finance $1.5 million of additional sewer main renewal work that can be accomplished each year. The watermain renewal frontage levy will remain the same.

7. Other Information

Please refer to the various exhibits attached in the last section of this document for additional information on:

- the 1999 General Capital Fund;
- reserve balances;
- the capital priority rating system;
- detailed historical analysis of borrowing authority, sources and application of funds;
- current and potential debenture debt;
- cash flow projections for the 2001 to 2006 capital program;
- a reconciliation of the 2001 Adopted Capital Estimates to the Preliminary Capital Estimates;
- 2000 Supplementary Capital Estimates; and
- a glossary of terms.

8. Council Adoption of the Estimates

On February 27, 2001 Council adopted the following recommendations of the Executive Policy Committee:

I. That the 2001 Capital Estimates totalling $157,879,000, requiring borrowing authority of $37,815,000 for Winnipeg Hydro, and the 2002 to 2006 Five-Year Capital Forecast as outlined in Appendix "A"[1] be forwarded to Council for approval.

II. That the City request the Province to match funding for the following capital programs/projects, over and above UCPA funding (Urban Capital Projects Allocation):

  A. a residential street renewal program for Winnipeg for the years 2001 and beyond; and

  B. a capital project for Convention Centre cladding

  Note: Provincial financing for this project should be negotiated from video lottery terminal (VLT) revenue – the 25% urban economic development project component – which is over and above the City's annual base Video Lottery Grant (the 10% component) in the City's operating budget.

III. That the Proper Officers of the City be authorized to do all things necessary to implement the foregoing, including the execution of any documents related thereto.

---

[1] Appendix "A" refers to the Capital Projects Summary.

Winnipeg

CAPITAL PROJECTS SUMMARY

2001 Annual
Capital Estimates

and

2002 to 2006
Five-Year Capital Forecast

Adopted by Council on February 27, 2001

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
SUMMARY OF GROSS CAPITAL PROGRAM									
TAX-SUPPORTED									
Local Improvements			455	499	500	500	600	600	3,154
Public Works			39,574	50,831	41,144	35,740	33,953	39,692	240,934
Land Drainage and Flood Control			24,849	28,309	21,574	23,574	25,855	25,230	149,391
Community Services			975	1,895	2,175	2,330	2,705	1,311	11,391
Community Incentive Grants			1,282	1,082	1,393	1,393	1,393	1,393	7,936
Winnipeg Police Service			441		634	1,789	918		3,782
Fire Paramedic Service			1,000		941		2,020	400	4,361
Planning, Property and Development			6,941	7,135	10,156	8,008	7,050	4,392	43,682
Corporate Finance			1,416	3,645	2,500	1,500	2,500	2,500	14,061
City Clerks			600	300	110	100	200	200	1,510
Corporate Services			3,318	1,349	3,353	3,557	2,490	2,496	16,563
Property Assessment					500	500		1,000	2,000
Hydro Street Lighting					100	350	350	350	1,150
Non-departmental			602	3,400			2,674	2,054	8,730
Gross Tax-Supported General			**81,453**	**98,445**	**85,080**	**79,341**	**82,708**	**81,618**	**508,645**
Transit			10,911	12,615	13,245	14,267	14,660	21,744	87,442
Gross Total Tax-Supported Including Transit			**92,364**	**111,060**	**98,325**	**93,608**	**97,368**	**103,362**	**596,087**
UTILITIES									
Hydro Electric System			37,815	34,465	41,555	35,355	33,115	39,515	221,820
Waterworks System			15,725	18,155	36,888	92,925	92,925	8,950	265,568
Sewage Disposal System			11,975	14,465	17,095	18,475	10,370	9,170	81,550
Gross Total Utilities			**65,515**	**67,085**	**95,538**	**146,755**	**136,410**	**57,635**	**568,938**
GROSS TOTAL CAPITAL PROGRAM			**157,879**	**178,145**	**193,863**	**240,363**	**233,778**	**160,997**	**1,165,025**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
SUMMARY OF FINANCING REQUIREMENTS									
TAX-SUPPORTED									
Local Improvements			455	499	500	500	600	600	3,154
Public Works			39,574	50,831	41,144	35,457	33,953	39,692	240,651
Land Drainage and Flood Control			1,294	4,394	2,394	4,994	5,300	4,950	23,326
Community Services			975	1,895	2,175	2,330	2,705	1,311	11,391
Community Incentive Grants			1,282	1,082	1,393	1,393	1,393	1,393	7,936
Winnipeg Police Service			441		634	1,789	918		3,782
Fire Paramedic Service			1,000		941		2,020	400	4,361
Planning, Property and Development			6,941	7,135	10,156	8,008	7,050	4,392	43,682
Corporate Finance			1,416	3,645	2,500	1,500	2,500	2,500	14,061
City Clerks			600	300	110	100	200	200	1,510
Corporate Services			3,318	1,349	3,353	3,557	2,490	2,496	16,563
Property Assessment					500	500		1,000	2,000
Hydro Street Lighting					100	350	350	350	1,150
Non-departmental			302	1,700			2,674	2,054	6,730
Unallocated Provincial UCPA (III & IV)			(9,398)	(9,434)	(10,367)	(10,367)	(10,203)	(10,038)	(59,807)
Tax-Supported General Financing (Net of Transit)			**48,200**	**63,396**	**55,533**	**50,111**	**51,950**	**51,300**	**320,490**
Transit			200	1,904	1,867	2,889	2,950	9,700	19,510
TOTAL TAX-SUPPORTED EXTERNAL & INTERNAL FINANCING			**48,400**	**65,300**	**57,400**	**53,000**	**54,900**	**61,000**	**340,000**
LESS: INTERNAL FINANCING (GENERAL RESERVE)			(48,400)	(52,200)	(56,400)	(61,000)	(61,000)	(61,000)	(340,000)
LESS: INTERIM FINANCING				(13,100)	(1,000)	8,000	6,100		
TOTAL TAX-SUPPORTED EXTERNAL FINANCING									
UTILITIES									
Hydro Financing			37,815	34,465	41,555	35,355	33,115	39,515	221,820
Waterworks Financing						34,000	68,000		102,000
TOTAL UTILITY FINANCING			**37,815**	**34,465**	**41,555**	**69,355**	**101,115**	**39,515**	**323,820**
TOTAL EXTERNAL FINANCING			**37,815**	**34,465**	**41,555**	**69,355**	**101,115**	**39,515**	**323,820**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
NON-DEBT & INTERNAL FINANCING:									
TAX-SUPPORTED									
Public Works									
- Dakota St Recovery from Developers						283			283
- Provencher Bridge Interim Financing				13,100	1,000	(8,000)	(6,100)		
Non-Departmental									
- Province of Manitoba VLT Revenue for Convention Centre			300	1,700					2,000
Land Drainage and Flood Control									
- Sewer Frontage Levy - Regional Combined Sewer Flood Relief			7,500	7,500	7,500	7,500	7,500	7,500	45,000
- Developer Capacity Charges - Development Agreement Paybacks			175	335			1,975	1,700	4,185
- Provincial/Federal Contribution			3,800	5,000	600				9,400
- Sewer Frontage Levy - Combined Sewer Renewals Residential			12,080	11,080	11,080	11,080	11,080	11,080	67,480
Funding Presently Not Allocated to Specific Projects									
- Internal Financing - General Reserve			48,400	52,200	56,400	61,000	61,000	61,000	340,000
- Unallocated Provincial UCPA III (agreement 1997-2002)			9,398	9,434					18,832
- Unallocated Provincial UCPA IV (agreement 2003 - 2008)					10,367	10,367	10,203	10,038	40,975
Transit									
- Transit Bus Replacement Reserve			5,409	5,409	5,745	5,745	5,913	6,082	34,303
- Transit Bus Replacement - UCPA III			3,000	3,000					6,000
- Transit Bus Replacement - UCPA III (Unconditional)			2,302	2,302					4,604
- Transit Bus Replacement - UCPA IV					3,000	3,000	3,000	3,000	12,000
- Transit Bus Replacement - UCPA IV (Unconditional)					2,633	2,633	2,797	2,962	11,025
Total UCPA III (agreement 1997-2002)			14,700	14,736					29,436
Total UCPA IV (agreement 2003-2008)					16,000	16,000	16,000	16,000	64,000
TOTAL TAX-SUPPORTED NON-DEBT & INTERNAL FINANCING			**92,364**	**111,060**	**98,325**	**93,608**	**97,368**	**103,362**	**596,087**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
UTILITIES									
Waterworks System									
- Aqueduct Rehabilitation Reserve			5,000	4,400	2,400				11,800
- Water Treatment Reserve			3,000	6,000	26,000	50,000	12,000		97,000
- Watermain Renewal Reserve			7,500	7,000	7,000	7,000	7,000	7,000	42,500
- Waterworks Retained Earnings			225	755	1,488	1,925	5,925	1,950	12,268
Sewage Disposal System:									
- Sewage Disposal Retained Earnings			4,075	4,525	10,875	12,075	4,000	3,750	39,300
- Wastewater Sewer Renewal Reserve			420	420	420	420	420	420	2,520
- Environmental Reserve			7,480	9,520	5,800	5,980	5,950	5,000	39,730
TOTAL UTILITIES NON-DEBT FINANCING			**27,700**	**32,620**	**53,983**	**77,400**	**35,295**	**18,120**	**245,118**
GRAND TOTAL NON-DEBT & INTERNAL FINANCING			**120,064**	**143,680**	**152,308**	**171,008**	**132,663**	**121,482**	**841,205**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
CAPITAL PROJECTS LISTING									
PUBLIC WORKS									
LOCAL IMPROVEMENTS (L.I.) - Ongoing Program	3-3	5A-01	**455**	**499**	**500**	**500**	**600**	**600**	**3,154**
REGIONAL STREETS									
New Transportation Facilities:									
Moray St Extension to Grant Ave	3-4	5C-03	1,000	6,946					7,946
Total New Transportation Facilities			**1,000**	**6,946**					**7,946**
Street Improvements:									
Kenaston Blvd - Academy Rd to Taylor Ave	3-5	5C-01	100	100	100	400	1,100		1,800
Regent Ave - Panet Rd to Rougeau Ave Council approved $2 1 million as first Call against year 2001 on Apr 26/00	3-6	5C-01	1,957						1,957
Dakota St - Abbotsford Cr to Paddington Rd	3-7	5C-03				2,890			2,890
- Developers						283			283
St Anne's Rd - Novavista Dr to Warde Ave	3-8	5C-03						300	300
Total Street Improvements			**2,057**	**100**	**100**	**3,573**	**1,100**	**300**	**7,230**
Regional Street Renewals:									
Street Renewals - Annual Program	3-9	5C-01		7,000	6,440	10,779	9,586	9,800	43,605
Cumberland Ave - Maryland St to Hargrave St	3-10	5C-01	320						320
Bishop Grandin Blvd - St Anne's Rd to the Fort Garry Bridge	3-11	5C-01	800	800					1,600
Inkster Blvd - Main St to Arlington St	3-12	5C-01	200	200	200	200	200	200	1,200
Waverley St - Wilkes St to Clarence Ave	3-13	5C-01	1,815						1,815
Portage Ave Eastbound - St Charles St to David St	3-14	5C-01	436						436
Grant Ave - Chalfont Rd to Shaftesbury Blvd	3-15	5C-01	1,460						1,460
Portage Ave Westbound - Sharp Blvd to Marjorie St	3-16	5C-01	1,575						1,575
Total Street Renewals		...	**6,606**	**8,000**	**6,640**	**10,979**	**9,786**	**10,000**	**52,011**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
Waterway Crossings and Grade Separations:									
Waterway Crossings and Grade Separations - Annual Maintenance Program	3-17	5C-01		1,300	4,850	2,160	4,250	6,242	18,802
Route 90 Underpass at Logan Ave	3-18	5C-01	250						250
Bridge Deck Restoration - Deck Sealing Program	3-19	5C-01	400						400
Culvert Replacement Program - Ellice Ave at Omand's Creek	3-20	5C-03	850						850
Arlington Overpass	3-21	5C-01	350						350
Provencher Bridge	3-22	5C-03	18,900	10,000	10,000	8,000	6,100		53,000
- Interim Financing				13,100	1,000	(8,000)	(6,100)		
Disraeli Bridge and Overpass Facility	3-23	5C-01	100	150	250	150	1,000	4,500	6,150
Total Waterway Crossings & Grade Separations			**20,850**	**24,550**	**16,100**	**2,310**	**5,250**	**10,742**	**79,802**
Traffic Improvement Study - North of Polo Park	3-24	5C-03	200						200
Traffic Engineering Improvement Various Locations	3-25	5C-03	455	500	500	1,000	1,000	1,000	4,455
Pedestrian and Cycle Facilities - Various Locations	3-26	5C-04	300	300	300	300	300	500	2,000
Land Acquisition - Transportation Rights-of-Way - Various Locations	3-27	5C-03				600			600
TOTAL REGIONAL STREETS			**31,468**	**40,396**	**23,640**	**18,762**	**17,436**	**22,542**	**154,244**
LOCAL STREETS									
Residential Street Renewal - Various Locations	3-28	5C-38	5,137	7,838	8,800	9,723	10,115	10,000	51,613
Curb Repair Program - Various Locations	3-29	5C-38	250	250	250	250	250	250	1,500
Lane Renewals - Various Locations	3-30	5C-38			1,281	2,258	1,000	1,978	6,517
Sidewalk Renewals - Various Locations	3-31	5C-38	500	500	690	900	900	900	4,390
TOTAL LOCAL STREETS			**5,887**	**8,588**	**11,021**	**13,131**	**12,265**	**13,128**	**64,020**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
Asset Management System - Regional / Residential Streets and Parks	3-32	5C-01	325	160	200	125	200	275	1,285
Land Drainage Sewers - Various Locations	3-33	5C-38		250	250	250	250	250	1,250
TOTAL REGIONAL AND LOCAL STREETS (not incl. L.I.)			**37,680**	**49,394**	**35,111**	**32,268**	**30,151**	**36,195**	**220,799**
TOTAL REGIONAL AND LOCAL STREETS (incl. L.I.)			**38,135**	**49,893**	**35,611**	**32,768**	**30,751**	**36,795**	**223,953**
PARKS AND OPEN SPACE									
Aesthetically Improved Streets - Improvements	3-34	5C-04			100	114	257	211	682
Reforestation Program - Improvements	3-35	6B-03	300	500	500	383	457	500	2,640
Athletic Fields - Development	3-36	6F-01			262	168		616	1,046
Athletic Fields - Improvements	3-37	6F-01	200		100	198	695		1,193
Parks - Development	3-39	5C-43			2,071	495	273	150	2,989
Parks - Improvements	3-41	5C-44	371	323	260	294	300	200	1,748
Total Parks and Open Spaces			**871**	**823**	**3,293**	**1,652**	**1,982**	**1,677**	**10,298**
BUILDING SERVICES									
Community Centres - Refurbishing and Improvements	3-43	4C-01	220	411	1,150	400	350	350	2,881
Building Refurbishing/Improvements - Arenas	3-44	6F-01			600	520	175	175	1,470
Building Refurbishing/Improvements - Indoor Aquatic Facilities	3-45	6F-01	663	203	440	420	350	350	2,426
Building Refurbishing/Improvements - Outdoor Aquatic Facilities	3-46	6F-01			150		195	195	540
Building Refurbishment/Improvements - Community Facilities	3-47	4C-01	140		400	480	200	200	1,420
A/C Plant Refurbishing - Ozone Depletion Act Compliance	3-48	5C-55					200	200	400
Fire/Life Safety Replacement/Asbestos Removal	3-49	5C-55					225	225	450
Energy Conservation Initiatives	3-50	3G-01					125	125	250
Total Building Services			**1,023**	**614**	**2,740**	**1,820**	**1,820**	**1,820**	**9,837**
TOTAL PUBLIC WORKS (not incl L.I.)			**39,574**	**50,831**	**41,144**	**35,740**	**33,953**	**39,692**	**240,934**
TOTAL PUBLIC WORKS (incl L.I.)			**40,029**	**51,330**	**41,644**	**36,240**	**34,553**	**40,292**	**244,088**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
COMMUNITY SERVICES									
Community Incentive Grant Program	3-51	6F-01	**1,282**	1,082	1,393	**1,393**	1,393	1,393	**7,936**
Assiniboine Park Zoo Development	3-52	6F-03		100		950	1,000	500	2,550
Assiniboine Park Zoo - Improvements	3-53	6F-03	200	270	216	100	666		1,452
Computer Acquisition - Upgrade Reorganization and Customer Service	3-54	1D-01	100	100	100				300
Library Replacements - Various	3-55	5C-54					521	611	1,132
Millennium Library (Conditional Upon Other Funding Being in Place)	3-56	5C-53		1,000	1,000	1,000			3,000
Security Systems - Various Branches	3-57	5C-53			129				129
Community Computer Access Program	3-58	5C-53	425	425	280	280			1,410
Assiniboine Park Amenities Improvements	3-59	6F-03					268	200	468
Library Furniture Replacement Program	3-60	5C-53			200				200
Integrated Property Based Information Systems	3-61	1D-01	250		250		250		750
SUBTOTAL			**975**	**1,895**	**2,175**	**2,330**	**2,705**	**1,311**	**11,391**
TOTAL COMMUNITY SERVICES			**2,257**	**2,977**	**3,568**	**3,723**	**4,098**	**2,704**	**19,327**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
WINNIPEG POLICE SERVICE									
P A R C S Replacement / Mobile Data Terminal Upgrade	3-62	5C-51			634	1,789	418		2,841
Renovations - 5th Floor Public Safety Building	3-63	5C-55					500		500
Telephone Intercept System Replacement	3-64	5C-51	441						441
TOTAL WINNIPEG POLICE SERVICE			**441**		**634**	**1,789**	**918**		**3,782**
FIRE PARAMEDIC SERVICE									
Fire Station Rationalization (Combining Stations) No 4 and No 13	3-65	5C-51	1,000						1,000
Replacement of No 12 Fire Station	3-66	5C-51						400	400
Fire Protection Systems Upgrade for 3 Storey Fire Stations	3-67	5C-51			263				263
Water Main Extension for Fire Fighting Training	3-68	5C-51			399				399
Fire Information Network	3-69	5C-51			279				279
Burn Building Simulator	3-70	5C-51					441		441
Fire Station Rationalization (Combining Stations) No 9 and No 21	3-71	5C-51					1,579		1,579
TOTAL FIRE PARAMEDIC SERVICE			**1,000**		**941**		**2,020**	**400**	**4,361**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
PLANNING, PROPERTY AND DEVELOPMENT									
CIVIC ACCOMMODATIONS									
General Building Renovation and Refurbishing	3-72	1D-01	209	400	300	300	500	500	2,209
Civic Buildings, Barrier Free Access	3-73	4A-02	206	206		104		150	666
Removal of Asbestos	3-74	5C-55	168	168		168		200	704
Administration Building Alterations	3-75	5C-55			200	200			400
510 Main Street - Elevator Controls	3-76	5C-55		390					390
Council Building Redevelopment	3-77	5B-04	500						500
Fire Safety Upgrading - Various Locations	3-78	5C-55		100	400			200	700
Central Yard Relocation	3-79	1D-01			1,382	1,600	500		3,482
Major Building HVAC Upgrades	3-80	5C-55						500	500
Building Envelope, Evaluation and Emergency Repair	3-81	5C-55						500	500
510 Main Courtyard Redevelopment	3-82	5C-55		1,092					1,092
Expand Archibus Program to Integrate with Maximo System	3-83	5C-55		100	100				200
Total Civic Accommodations			**1,083**	**2,456**	**2,382**	**2,372**	**1,000**	**2,050**	**11,343**
Special Projects:									
Public Safety Building, Exterior Cladding	3-84	5C-55		550	3,000	1,500	1,000		6,050
Concourse Upgrading	3-85	5C-55	300						300
Computer Automation	3-86	1D-02					200		200
Cooling Plant Refurbishing	3-87	5C-55		300	850				1,150
Energy Conservation	3-88	3G-02				225	200	200	625
Tenant Improvement Prepayment, Major Department	3-89	6C-09					600	500	1,100
Historic Building Stabilization	3-90	5B-04	300		500		500		1,300
Total Civic Accommodations Special Projects			**600**	**850**	**4,350**	**1,725**	**2,500**	**700**	**10,725**
Total Civic Accommodations			**1,683**	**3,306**	**6,732**	**4,097**	**3,500**	**2,750**	**22,068**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
OTHER DIVISIONS									
Streetscaping	3-91	6A-03						242	242
Riverbank Stabilization for City-Owned Riverbanks	3-92	3E-05	200	200	200	200	200		1,000
Land Acquisition - Riverbank	3-93	6B-10			150		300		450
Riverbank Greenway Programs	3-94	3E-05		104	358		350		812
Land Acquisition For General Unspecified Purposes	3-95	3E-05	250	300	300	210	300		1,360
Cemeteries - Improvements	3-96	4C-01			166	501		200	867
Implementation and Expansion of BUILD	3-97	3E-05	200	125	100				425
Document Imaging and Management with BUILD	3-98	3E-05		200					200
Subtotal			**650**	**929**	**1,274**	**911**	**1,150**	**442**	**5,356**
Manitoba/Winnipeg Community Revitalization Program (MWCRP):									
West End MWCRP	3-99	5A-01	750	750	250				1,750
St Boniface MWCRP	3-100	5A-01	1,300	950					2,250
Wolseley MWCRP	3-101	5A-01		1,000	1,000	1,000			3,000
Burrows Central MWCRP	3-102	5A-01			900	1,000	1,000	100	3,000
Luxton MWCRP	3-103	5A-01				1,000	900	1,100	3,000
Neighbourhood to be named	3-104	5A-01					500		500
Total Manitoba/Winnipeg Community Revitalization Program		. . .	**2,050**	**2,700**	**2,150**	**3,000**	**2,400**	**1,200**	**13,500**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
Intergovernmental Agreements (former CORE):									
Winnipeg Development Agreement	3-105	5A-06	2,558						2,558
Total Intergovernmental Agreements			**2,558**						**2,558**
Total Other Divisions			**5,258**	**3,629**	**3,424**	**3,911**	**3,550**	**1,642**	**21,414**
Parks Development - Developer Payback	3-106	5C-43		200					200
Total Corporate Programs				**200**					**200**
TOTAL PLANNING, PROPERTY AND DEVELOPMENT			**6,941**	**7,135**	**10,156**	**8,008**	**7,050**	**4,392**	**43,682**
CORPORATE FINANCE									
Financial Management System	3-107	1D-03	**1,416**	**3,645**	**2,500**	**1,500**	**2,500**	**2,500**	**14,061**
CITY CLERKS									
Office Automation - City Clerks	3-108	4C-01	100			100	200	200	600
Electronic Records Management	3-109	4C-01	350	200	110				660
Election Systems	3-110	4C-01	150	100					250
TOTAL CITY CLERKS			**600**	**300**	**110**	**100**	**200**	**200**	**1,510**
CORPORATE SERVICES									
Special Projects:									
Communications Network Infrastructure	3-111	7C-01	316	698	602	723	611	610	3,560
Network Computing Initiatives	3-112	1D-01	166	151	251	251	199	204	1,222
Land Based Information System (See Also Related Funding in Waterworks System and Sewage Disposal System Budgets)	3-113	7C-01	350						350
E-Government	3-114	1D-01		500	2,000	2,583	1,680	1,682	8,445
Desktop Standardization	3-115	7C-01	250						250
Enterprise Resource Planning System	3-116	1D-01	2,236		500				2,736
TOTAL CORPORATE SERVICES			**3,318**	**1,349**	**3,353**	**3,557**	**2,490**	**2,496**	**16,563**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
PROPERTY ASSESSMENT									
Assessment Automation	3-117	2B-04			**500**	**500**		**1,000**	**2,000**
NON-DEPARTMENTAL									
Convention Centre Cladding	3-118	5C-55	300	1,700					2,000
- Provincial Funding from VLT Revenues			300	1,700					2,000
Special Innovative Capital	3-119	1D-02	2				2,674	2,054	4,730
TOTAL NON-DEPARTMENTAL			**602**	**3,400**			**2,674**	**2,054**	**8,730**
TRANSIT									
Bus Radio System Replacement with AVL Enhancement	3-120	5C-01		1,704	1,667	2,589			5,960
Regular Transit Buses	3-121	5C-01							
- Transit Bus Replacement Reserve			5,409	5,409	5,745	5,745	5,913	6,082	34,303
- Province - UCPA III			3,000	3,000					6,000
- Province - UCPA III Unconditional			2,302	2,302					4,604
- Province - UCPA IV					3,000	3,000	3,000	3,000	12,000
- Province - UCPA IV Unconditional					2,633	2,633	2,797	2,962	11,025
Fare Collection System	3-122	5C-01					2,000	4,000	6,000
Innovative Transit Program	3-123	5C-02	200	200	200	200	700	700	2,200
Transit Building Replacement/Refurbishment	3-124	5C-01				100			100
Southwest Transit Corridor	3-125	5C-02					250	5,000	5,250
GROSS TRANSIT BUDGET			**10,911**	**12,615**	**13,245**	**14,267**	**14,660**	**21,744**	**87,442**
TRANSIT INTERNAL FINANCING			**200**	**1,904**	**1,867**	**2,889**	**2,950**	**9,700**	**19,510**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
HYDRO ELECTRIC SYSTEM									
Tax-Supported Portion - Street Lighting									
Replace Wood Pole Lighting with Ornamental Lighting	3-126	6D-03			100	100	100	100	400
Upgrading Lighting Plant on Bridges	3-127	6D-03				250	250	250	750
TOTAL HYDRO - TAX-SUPP. PROGRAM					**100**	**350**	**350**	**350**	**1,150**
Utilities Supported Portion									
Pointe du Bois Generating Station:									
Tramway Building Replacement	3-128	5C-55	100	650					750
Replace Turbine/Generator Units No. 3 and 4	3-129	3A-02	14,500	14,500					29,000
Replace Turbine/Generator Units No. 7 and 5 (Straflo Units 5 and 6)	3-130	3A-02			14,500			14,500	29,000
Rehabilitate Main Spillway Rollways/Piers and Replace Sluicegates/Hoisting Equipment	3-131	5C-55	1,500	1,000		1,500	1,000		5,000
Replace Transformer No. 2 and No.5, 69 kV,138 kV switchgear and re-terminate Generators 5 to 10	3-132	3A-02	2,500						2,500
Powerhouse Life Extension Program	3-133	5C-55	2,000	2,000	2,000	2,000	2,000	2,000	12,000
Replace Transformers No. 3 and 6 and 69 kV/138 kV Equipment. Re-terminate Generators 11 to 14	3-134	3A-02				2,000	1,250		3,250
Control Room Upgrade	3-135	5C-55			250	250	250		750
SCADA and Control Systems	3-136	5C-55			250	250	250	250	1,000
Slave Falls Generating Station: Replace Obsolete Powerhouse Equipment - Transformers, Governors, etc.	3-137	5C-55			2,500	2,500			5,000
Rewind No. 2 Generator Stators and Rehabilitate Turbine	3-138	3A-02			2,400				2,400
Repair of Creek Spillway Rollways and Piers	3-139	5C-55	3,000	1,000					4,000
Rehabilitate Main Unit Headgates and Roller Paths	3-140	5C-55		800	800	800	800		3,200
Rehabilitate Sluicegates and Hoisting Equipment	3-141	5C-55	700	500	500	500	500	500	3,200
Replace Obsolete Remote Supervisory Control with SCADA	3-142	3A-02	250						250
Rehabilitate Powerhouse Structure	3-143	3A-02			200	500	1,000	1,000	2,700
Upgrade Control House Equipment	3-144	3A-02					500		500

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
Automate Local Service Generators	3-145	3A-02	500						500
Design, Fabricate and Test Fully Homologous Turbine Runner	3-146	3A-02		1,200					1,200
Rehabilitate Main Unit Turbines	3-147	5C-55				1,700	1,700	1,700	5,100
Enhancement Projects - Channel Improvements (Sturgeon Falls)	3-148	3A-02	500			2,500	2,500		5,500
Transmission lines: Pointe du Bois Lines - Upgrade Transmission Lines	3-149	5C-55	5,400	6,300	6,300	6,000	6,000	9,000	39,000
Winnipeg Lines - Installation of 69 KV Cable Between No. 3, No. 12 and No. 11 Substations	3-150	5C-55			4,350				4,350
Distribution - Various Substations: Various Substations - Capacitors	3-151	5C-55	100	100	100	100	100	100	600
Various Substations - Relay System	3-152	3A-02	250	250	250	250	250	250	1,500
Various Substations - Potential Transformers	3-153	3A-02				200			200
Various Substations - Circuit Breakers and Buswork	3-154	5C-55	400	800	800	800	800	400	4,000
No. 1 Substation - Terminate 69 kV Cable	3-155	5C-55				2,000			2,000
No. 3 Substation - Termination of 69 KV cable from No. 12 Substation	3-156	5C-55			700				700
No. 5 Substation - Manitoba Hydro/Wpg. Hydro Interconnection	3-157	5C-55					2,000		2,000
No. 5 Substation - Upgrade - 69 kV Switchyard	3-158	5C-55				1,000			1,000
No. 6 Substation - Upgrade - 69 kV Switchyard	3-159	5C-55					1,000		1,000
No. 7 Substation - Substation Upgrade - Purchase and Install Electrical Equipment	3-160	5C-55				1,500	1,500		3,000
No. 9 Substation - Substation Upgrade - Purchase Electrical Equipment - Phase 1	3-161	5C-55						1,750	1,750
No. 19 Substation - Purchase Switchyard Property	3-162	5C-55		200	300	500			1,000
No. 21 Substation - Switchyard Wall	3-163	5C-55					300		300
No. 22 Substation - Purchase 69 kV/4.6 kV Transformers	3-164	5C-55		400					400
Hydro Distribution: Central Control - SCADA	3-165	3A-02				1,000		1,000	2,000
Substations Emergent Equipment	3-166	5C-55	250	250	250	250	250	250	1,500
Replacement of Overhead Plant	3-167	5C-55	500	100	100	100	100	100	1,000
Supply Load Increases	3-168	5C-55	1,100	1,100	1,100	1,100	1,100	1,100	6,600
Supply New Customers - New Services	3-169	2A-07	775	775	775	775	775	775	4,650

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
System Improvements & Replacements	3-170	5C-55	1,200	1,000	1,000	1,000	1,000	1,000	6,200
Conversion of Downtown Area	3-171	6D-03	300	300	300	300	300	300	1,800
Overhead to Underground Conversion of Major Streets	3-172	6D-03				740	740	740	2,220
Image Route Improvements	3-173	5C-55	500	500	500	500	500	500	3,000
Remove Overhead on Academy Rd from Kenaston to Cambridge	3-174	6D-03					2,400		2,400
Miscellaneous:									
AEM Facility - Vehicle and Equipment Replacement	3-175	5C-55	240	240	330	240	250	300	1,600
Operating Buildings - Building Rearrangement - Modifications to Operating Buildings - 1315 Notre Dame Ave	3-176	4F-01	750	500	500	500			2,250
Customer Premises - Distribution Automation and Automatic Meter Reading	3-177	3A-02			500	2,000	2,000	2,000	6,500
Operations - PSC - Control Building Renovation	3-178	4F-01	500						500
GROSS HYDRO BUDGET (Utility supported)			**37,815**	**34,465**	**41,555**	**35,355**	**33,115**	**39,515**	**221,820**
HYDRO SUPPORTED DEBENTURES			**37,815**	**34,465**	**41,555**	**35,355**	**33,115**	**39,515**	**221,820**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
WATER & WASTE									
Tax-Supported Portion - Land Drainage and Flood Control									
LAND DRAINAGE - REGIONAL									
Combined Sewer Flood Relief	3-179	5C-28							
- Sewer Frontage Levy Funding			7,500	7,500	7,200	7,200	7,200	7,200	43,800
Flood Relief Sewers - Separate	3-180	5C-21							
- Sewer Frontage Levy Funding					300	300	300	300	1,200
Impoundment Shoreline Replacement/Upgrading	3-181	5C-30	100	200		100	100	100	600
Regional Flood Protection	3-182	5C-29	444	294	344	344	450	450	2,326
Flood Pumping Station Reliability Upgrades	3-183	5C-29		1,000	1,000	1,500	1,100	1,100	5,700
Land Drainage Sewers Outfall Gate Structures	3-184	5C-29		1,450	500	2,000	2,000	1,450	7,400
Development Agreement Paybacks	3-185	5C-31							
- Developer Capacity Charges Financing			175	335			600	600	1,710
Flood Activity / Emergency Information System	3-186	5C-29		300					300
Floodplain Management	3-187	5C-29		300					300
Permanent Secondary Dikes	3-188	5C-29				500			500
- Provincial/Federal Contribution			3,800	5,000	600				9,400
St. Germain / Vermette Drainage Study	3-189	5C-29	250						250
Permanent Land Drainage Pumping Station at Kilkenny and Rice	3-190	5C-29					800		800
Seine River Waterway Acquisition	3-191	5C-30	100	100	150	150	150	150	800
Primary Dike Upgrading	3-192	5C-29						1,000	1,000
Bibeau Drain Inlet Structure and Safety Grate	3-193	5C-38	100	250					350
Land Drainage Safety Upgrading Program	3-194	5C-38			200	200	500	500	1,400
Fernbank Ave Land Drainage Sewer	3-195	5C-29							
- Developer Capacity Charges Financing							875		875
South Tuxedo Stormwater Retention Basin	3-196	5C-29							
- Developer Capacity Charges Financing							500	1,100	1,600
TOTAL LAND DRAINAGE - REGIONAL			**12,469**	**16,729**	**10,294**	**12,294**	**14,575**	**13,950**	**80,311**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
LAND DRAINAGE - RESIDENTIAL Combined Sewer Renewals (Funded by Combined Sewer Renewal Reserve - Sewer Frontage Levy)	3-197	5C-38	12,080	11,080	11,080	11,080	11,080	11,080	67,480
Outfall Maintenance	3-198	5C-38	300	500	200	200	200	200	1,600
TOTAL LAND DRAINAGE - RESIDENTIAL			**12,380**	**11,580**	**11,280**	**11,280**	**11,280**	**11,280**	**69,080**
TOTAL LAND DRAINAGE AND FLOOD CONTROL			**24,849**	**28,309**	**21,574**	**23,574**	**25,855**	**25,230**	**149,391**
TOTAL LAND DRAINAGE AND FLOOD CONTROL INTERNAL FINANCING			**1,294**	**4,394**	**2,394**	**4,994**	**5,300**	**4,950**	**23,326**
WATER & WASTE - Utility Supported **WATER WORKS SYSTEM - Utility Funding**									
Long Term Zebra Mussel Mitigation (1)	3-199	5C-14				1,000			1,000
Shoal Lake Aqueduct Condition Assessment & Rehabilitation - Aqueduct Renewal Reserve Funding	3-200	5C-11	5,000	4,400	2,400				11,800
Saskatchewan Avenue Feedermain (1)	3-201	5C-12			1,163				1,163
Water Treatment Plant - Functional & Detailed Design & Construction	3-202	5C-14				34,000	68,000		102,000
- Water Treatment Reserve funding			3,000	6,000	26,000	50,000	12,000		97,000
GWWD Railway Bridge Replacement (1)	3-203	5C-11		530					530
Lagimodiere Boulevard Feedermain Extension (1)	3-204	5C-12					1,300		1,300
McPhillips Pumping Station - Natural Gas Engine Replacement (1)	3-205	5C-11					1,250	750	2,000
MacLean Pumping Station - Natural Gas Engine Replacement (1)	3-206	5C-11					2,000		2,000
Water SCADA Replacement (1)	3-207	5C-11					1,275		1,275
Computerized Work Management System (1)	3-208	2B-02	125	225	125	125			600
Chlorine System Improvement (1)	3-209	5C-12			200	800			1,000
Branch II Aqueduct - Valves at Interconnection (1)	3-210	5C-11					100	1,200	1,300
Midtown Feedermain - Assiniboine River Crossing Condition Assessment (1)	3-211	5C-12	100						100
Watermain Renewals (Funded from Watermain Renewal Reserve Fund - Watermain Frontage Levy)	3-212	5C-38	7,500	7,000	7,000	7,000	7,000	7,000	42,500
(1) Financed from Waterworks Retained Earnings			225	755	1,488	1,925	5,925	1,950	12,268
GROSS WATERWORKS BUDGET (Utility Supported)			**15,725**	**18,155**	**36,888**	**92,925**	**92,925**	**8,950**	**265,568**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.	2001 ($000s) BUDGET ADOPTED BY COUNCIL	2002 ($000s) FORECAST ADOPTED BY COUNCIL	2003 ($000s) FORECAST ADOPTED BY COUNCIL	2004 ($000s) FORECAST ADOPTED BY COUNCIL	2005 ($000s) FORECAST ADOPTED BY COUNCIL	2006 ($000s) FORECAST ADOPTED BY COUNCIL	2001-2006 ($000s) 6 YEAR TOTAL ADOPTED BY COUNCIL
SEWAGE DISPOSAL SYSTEM - Utility Funding									
Grit Handling Upgrade - NEWPCC (2)	3-213	5C-17	2,500						2,500
Primary Clarifier Covers - NEWPCC (2)	3-214	5C-19			300	6,900			7,200
Wastewater Disinfection - NEWPCC - Environmental Reserve Funding	3-215	5C-18	6,480	8,520					15,000
Chlorine System Improvements - NEWPCC (2)	3-216	5C-19			200	2,800			3,000
High River Level (Flood) Protection - NEWPCC (2)	3-217	5C-17					750		750
High River Level (Flood) Protection - SEWPCC (2)	3-218	5C-17		2,000					2,000
Capacity Study/Preliminary Engineering - SEWPCC (2)	3-219	5C-17	200	500	1,500	1,500			3,700
Primary Clarifier Expansion - SEWPCC (2)	3-220	5C-17		250	8,500				8,750
Wastewater Disinfection - WEWPCC - Environmental Reserve Funding	3-221	5C-18			800	980	950		2,730
Lift Stations Upgrading (2)	3-222	5C-24	250	250	250	250	250	250	1,500
Perimeter Road Pumping Station - Pump Upgrade (2)	3-223	5C-24	500						500
Provencher Bridge - Reconstruction of Dumoulin Forcemain (2)	3-224	5C-24	500						500
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve Funding	3-225	5C-25	1,000	1,000	5,000	5,000	5,000	5,000	22,000
Warde Interceptor Sewer (2)	3-226	5C-17		1,300					1,300
Inflow/Infiltration/Cross-Connection Study and Mitigation (2)	3-227	5C-22					2,000		2,000
Sewer System Isolation in Areas Protected by Secondary Dikes (2)	3-228	5C-22					1,000		1,000
Computerized Work Management System (2)	3-229	2B-02	125	225	125	125			600
Boiler Replacements - NEWPCC (2)	3-230	5C-17				500		700	1,200
Raw Sewage Pump Replacement - NEWPCC (2)	3-231	5C-17						800	800
Outfall Upgrading - NEWPCC (2)	3-232	5C-17						1,000	1,000
Biosolids - Alternative Disposal Study (2)	3-233	5C-17						1,000	1,000
(2) Financed from Sewage Disposal Retained Earnings			4,075	4,525	10,875	12,075	4,000	3,750	39,300
TOTAL SEWAGE DISPOSAL - REGIONAL			**11,555**	**14,045**	**16,675**	**18,055**	**9,950**	**8,750**	**79,030**
RESIDENTIAL Wastewater Sewer Renewal (Funded from Wastewater Sewer Renewal Reserve - Sewer Frontage Levy)	3-234	5C-38	420	420	420	420	420	420	2,520
TOTAL SEWAGE DISPOSAL - RESIDENTIAL			**420**	**420**	**420**	**420**	**420**	**420**	**2,520**
GROSS SEWAGE DISPOSAL BUDGET			**11,975**	**14,465**	**17,095**	**18,475**	**10,370**	**9,170**	**81,550**

Winnipeg

CAPITAL PROJECTS DETAIL

2001 Annual
Capital Estimates

and

2002 to 2006
Five-Year Capital Forecast

Adopted by Council on February 27, 2001

Table of Contents – Capital Projects Detail

Introduction .... **3 - 1**

Capital Projects Listing by Department

Public Works .... 3 - 3
Community Services .... 3 - 51
Police .... 3 - 62
Fire Paramedic Service .... 3 - 65
Planning, Property and Development .... 3 - 72
Corporate Finance .... 3 - 107
City Clerks .... 3 - 108
Corporate Services .... 3 - 111
Property Assessment .... 3 - 117
Non-Departmental .... 3 - 118
Transit .... 3 - 120
Winnipeg Hydro .... 3 - 126
Water and Waste .... 3 - 179

Capital Projects Detail – Introduction

Presentation

The following section of this document gives additional details about each project in the estimates, including financial details, a narrative description, and in some cases a map or diagram. The projects are arranged by department, with the General Capital Fund (tax-supported) departments first, followed by Utilities. The Water and Waste Department has both tax-supported and utility supported projects. Similarly, the Hydro utility has some tax-supported projects relating to street lighting.

Program

The Program category provides a direct link between a specific capital project and the public or internal program it assists in providing. These program categories reflect those described in the City of Winnipeg's Action Plan 2000 - 2002.

Capital Priority Rating

A reference to a Capital Priority Rating number appears following the project name. The Capital Priority Rating System is explained in detail in the Exhibits section after the last tab of this document.

Usually this rating consists of two numbers separated by a dash. The higher the priority rating numbers, the higher the priority of the project. The first number refers to the importance of the service provided, ranging from a high of 5 for vital services down to 1 for desirable services. The second number refers to the impact of not proceeding with the project, ranging from a high impact of 4 to a low of 1.

In some cases, up to two bonus points may be added for projects that clearly contribute specifically to the City's declared development objectives.

Plan Winnipeg[1] Indicator

The Plan Winnipeg Indicator appears below the Capital Priority Rating. Plan Winnipeg indicators show which objective of the City's long-range policy plan is most closely related to the project, although in many cases other objectives could also apply.

---

[1] *Plan Winnipeg... Toward 2010 adopted June 23, 1993*

Financial Information and Assumptions

For each project, a table of financial information is provided. All the project costs for the tax-supported General Capital Fund projects include 1% Administration and 2% Financing overhead charges. The Centre Number shown in the top left corner of each financial table refers to the number used in the General Ledger accounting records.

All project costs are assumed to be funded by the City through its General Reserve unless a breakdown of specific funding sources is shown in the table. As noted in the capital projects summary, unallocated Urban Capital Projects Allocation (UCPA) funds will also be used to offset the funding requirements of the General Reserve.

The 2001 amounts, shown in the financial table, are the only funds being proposed for approval for spending. The 2002 - 2006 amounts are a forecast only.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Local Improvements**

Centre No 9920019899
Program Planned Development

Capital Priority Rating: Priority Points 2 - 3
Plan Winnipeg Indicator: Local Area Planning
Support Existing Neighbourhood (5A-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	455	499	500	500	600	600	2,699	3,154
Financed by									
General Reserve		455	499	500	500	600	600	2,699	3,154

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	387	492	500	500	585	600	90	3,154
Financed by								
General Reserve	387	492	500	500	585	600	90	3,154

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	23	274	322
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	16	64	120
SURPLUS/(DEFICIT)	7	210	202

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Local Improvement Capital Projects are those which are financed partly by a direct levy on the properties benefited (Property Owner's Share) and partly by a mill rate levy over the City-At-Large (City's Share). The program is governed by Local Improvement By-Law No 98/72 and is subject to advertising and subsequent approval by the majority of ratepayers involved. The types of expenditure generally falling within this category are: paving of local streets and lanes, sidewalk and boulevard construction, installation of new watermains and sewers, ornamental street lighting and lane lighting.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Moray Street - Roblin Boulevard to Grant Avenue**

Centre No.:	5101010701	Capital Priority Rating	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator	Regional Services and Facilities Commit to Regional Street Improvements (5C-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	750	1,000	6,946	-	-	-	-	6,946	7,946
Financed by:									
General Reserve		1,000	6,946					6,946	7,946

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	850	6,054	1,042	-	-	-	-	7,946
Financed by:								
General Reserve	850	6,054	1,042					7,946

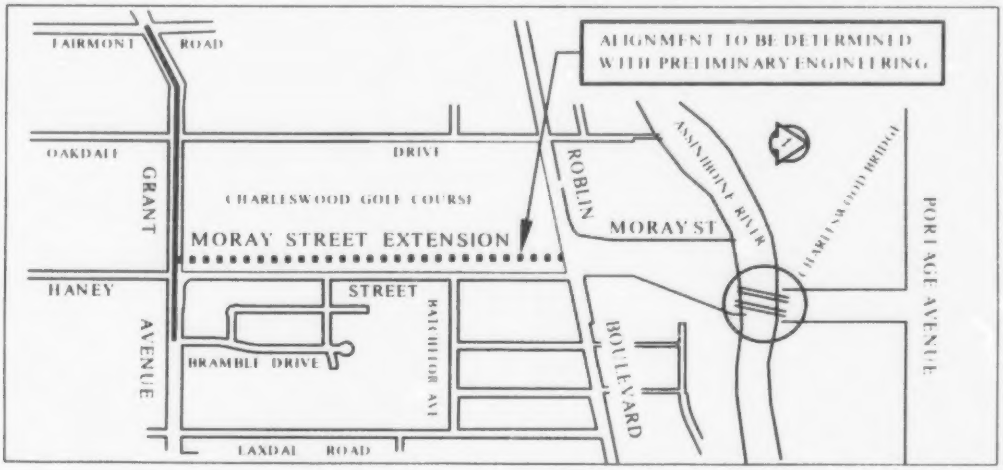
NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	51	363	63
Less:			
Operating expenditures increase/(decrease)	-	5	10
Debt and finance charges increase	35	345	823
SURPLUS/(DEFICIT)	16	13	(770)

Note: After 5 years of operation, additional pavement maintenance costs will be $7,500 per year.

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Provision of a four lane divided roadway to extend Moray Street from Roblin Boulevard to Grant Avenue. This project was initiated in 2000 and included a $750,000 allocation for Preliminary Engineering, environmental impact study and public participation.

Works include detailed engineering and property acquisition in 2001 and construction of a four lane divided facility between Roblin Boulevard and Grant Avenue, rehabilitation of Grant Avenue from Bramble Drive to Fairmont Road and turning lanes on Roblin Boulevard in 2002.


FAIRMONT ROAD
ALIGNMENT TO BE DETERMINED WITH PRELIMINARY ENGINEERING
OAKDALE DRIVE
GRANT AVENUE
CHARLESWOOD GOLF COURSE
ROBLIN BOULEVARD
MORAY ST
ASSINIBOINE RIVER
CHARLESWOOD BRIDGE
PORTAGE AVENUE
MORAY STREET EXTENSION
HANEY STREET
HATCHELOR AVE
BRAMBLE DRIVE
LAXDAL ROAD

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Kenaston Boulevard - Academy Road to Taylor Avenue**

Centre No	5101030701	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

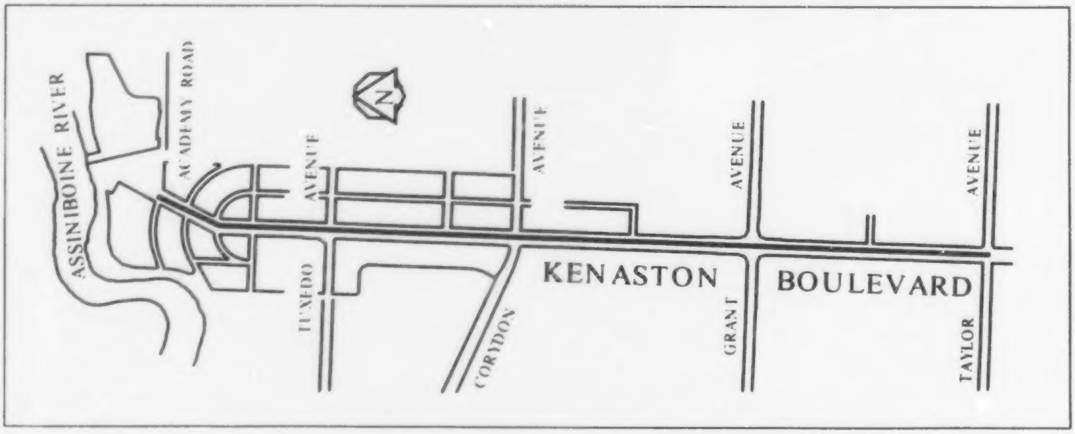
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	700	100	100	100	400	1,100	-	1,700	1,800
Financed by									
General Reserve		100	100	100	400	1,100		1,700	1,800

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	85	100	100	355	995	165	-	1,800
Financed by								
General Reserve	85	100	100	355	995	165		1,800

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	6	6	6
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	14	25
SURPLUS/(DEFICIT)	2	(8)	(19)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The estimate includes funding for the provision of maintenance of the roadway until the facility is reconstructed. On April 19, 1995, Council approved the expenditure of $100,000 annually until the construction of the permanent rehabilitation.
Public participation is planned for 2004 with a Preliminary Design Study and Environmental Impact Review in 2005.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Regent Avenue - Panet Road to Rougeau Avenue**

Centre No.:	5101030702	Capital Priority Rating:	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Commit to Regional Street Improvements (5C-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	1,957	-	-	-	-	-	-	1,957
Financed by:									
General Reserve		1,957						-	1,957

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	1,957	-	-	-	-	-	-	1,957
Financed by:								
General Reserve	1,957							1,957

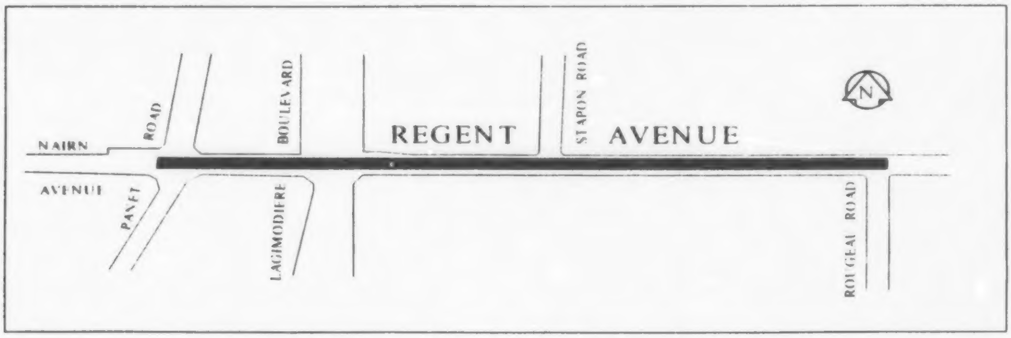
NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	117	-	-
Less:			
Operating expenditures increase/(decrease)	3	3	3
Debt and finance charges increase	81	221	221
SURPLUS/(DEFICIT)	33	(224)	(224)

After 5 years of operation, additional pavement maintenance costs will be $1,200 per year

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project includes the renewal and widening (south side) of Regent Avenue from Panet Road to Rougeau Avenue and the rehabilitation of the existing roadway. The project will also increase the westbound left turn capacity onto Lagimodiere Boulevard.

The project was approved for construction in 2000 by Council on April 26/2000 and was financed by the Developer, Pensionfund Realty Limited who in turn, will be refunded as Developer Payback on a first call basis in the 2001 Capital Estimates.



Project Name: **Dakota Street - Abbotsford Crescent to Paddington Road**

Centre No	51yy0307xx	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Commit to Regional Street Improvements (5C-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		-	-	-	3,173	-	-	3,173	3,173
Financed by									
General Reserve					2,890			2,890	2,890
Developer Payback					283			283	283

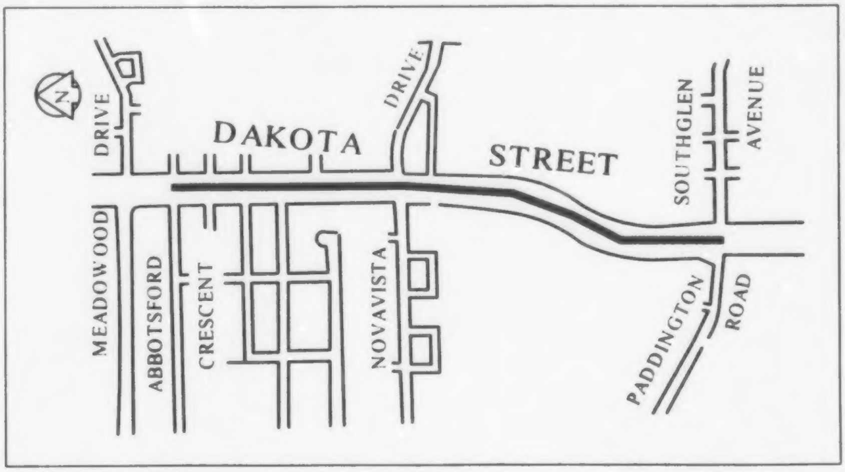
CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	2,697	476	-	-	3,173
Financed by								
General Reserve				2,414	476			2,890
Developer Payback				283				283

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

After 5 years of operation, pavement maintenance costs will be an additional $6,000 per year.

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Includes the construction of an additional two lane pavement to form a four lane divided facility and the rehabilitation and asphalt overlay of existing concrete pavement The divided roadway will provide increased capacity and safety by the incorporation of a median by separating the two opposing directions of traffic



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **St. Anne's Road - Novavista Drive to Warde Avenue**

Centre No.:	51yy0307xx	Capital Priority Rating:	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Commit to Regional Street Improvements (5C-03)

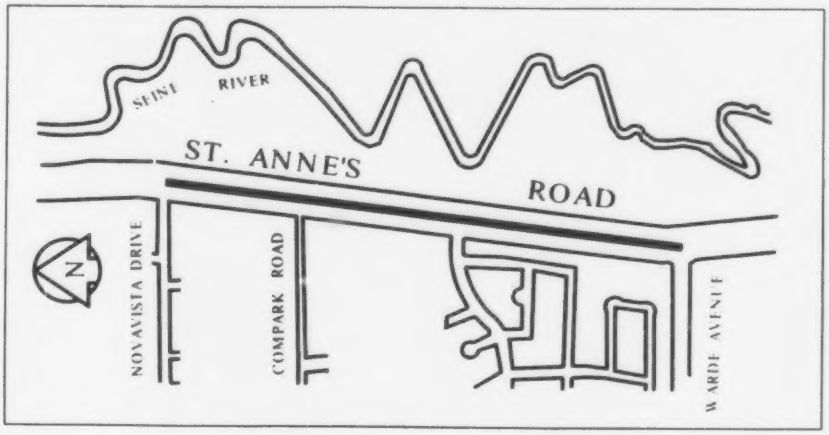
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		-	-	-	-	-	300	300	300
Financed by:									
General Reserve							300	300	300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	255	45	300
Financed by								
General Reserve						255	45	300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Construction of a four lane divided facility to replace the existing two lane roadway between Novavista Drive and Warde Avenue. Provision of improved safety through the incorporation of a centre median which separates opposing traffic and improves capacity of the accommodation of the existing and projected travel demand.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Regional Street Renewals - Annual Program**

Center No	51yy0407xx	Capital Priority Rating:	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	7,000	6,440	10,779	9,586	9,800	43,605	43,605
Financed by									
General Reserve			7,000	6,440	10,779	9,586	9,800	43,605	43,605

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	5,950	6,524	10,128	9,765	9,768	1,470	43,605
Financed by								
General Reserve		5,950	6,524	10,128	9,765	9,768	1,470	43,605

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	-	357	391
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	245	948
SURPLUS/(DEFICIT)	-	112	(557)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Carrying out the yearly program for Regional street reconstruction or street rehabilitation by the application of joint and slab renewals, asphalt overlays and resurfacings, curb and sidewalk reconstruction and various utility upgrades and improvements. Includes projects which are initiated by the requirement for the renewal of existing roadways and road surfaces with little or no improvement to the roadway alignment or width. The purpose of the program is to maintain the quality, structural adequacy and rideability of the Regional Street System as well as to protect the City's original investment in the roadway.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Cumberland Avenue - Maryland Street to 50 metres east of Hargrave Street**

Centre No.: 5101040701
Program: Infrastructure

Capital Priority Rating: Priority Points 3 - 4
Plan Winnipeg Indicator: Regional Services & Facilities
Maintain Existing Infrastructure (5C-01)

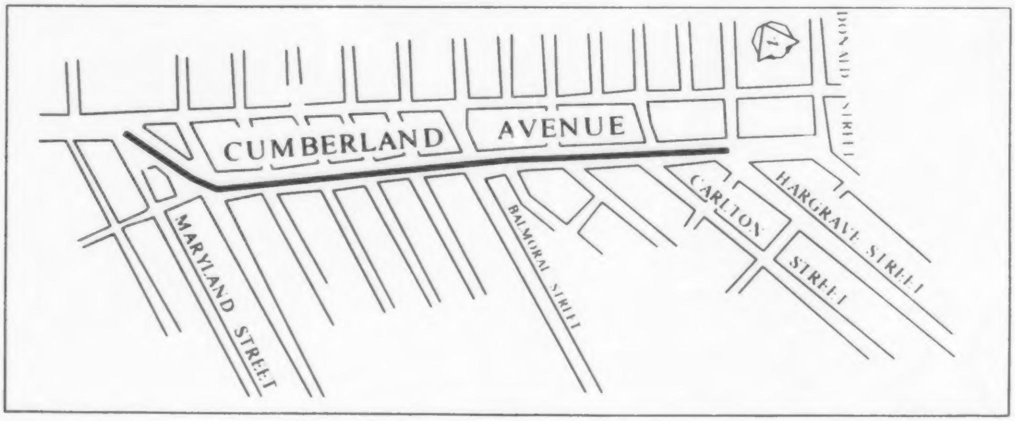
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	230	320	-	-	-	-	-	-	320
Financed by:									
General Reserve		320						-	320

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	272	48	-	-	-	-	-	320
Financed by:								
General Reserve	272	48						320

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	16	3	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	33	36
SURPLUS/(DEFICIT)	5	(30)	(36)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes property acquisition and geometric improvements at Carlton Street, rehabilitation of concrete slabs and joints and the asphalt overlay of the pavement. The purpose of the rehabilitation is to improve the ride and drainage and provide a safe riding surface for the motorists. This project is a completion of the 2000 project. The budget in 2001 represents the portion from Balmoral Street to the public lane east of Hargrave Street.



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Bishop Grandin Boulevard - St. Anne's Road to the Fort Garry Bridge**

Centre No	5101040702	Capital Priority Rating:	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

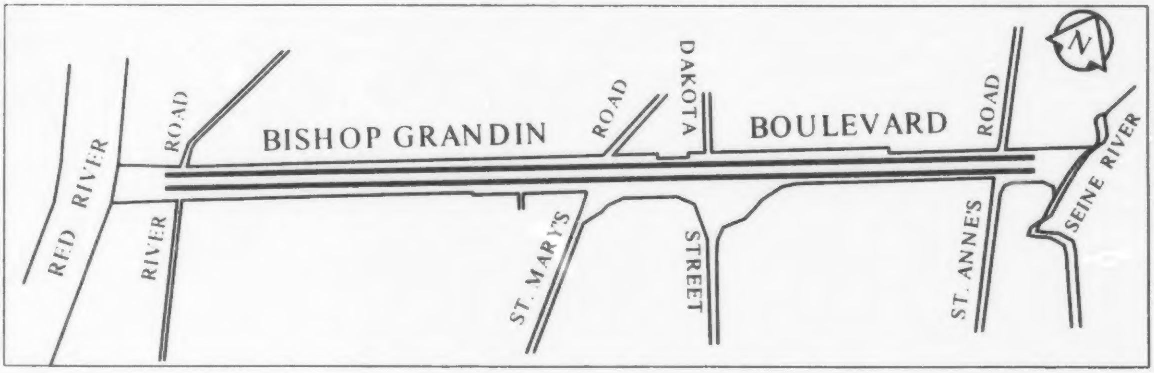
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	465	800	800	-	-	-	-	800	1,600
Financed by									
General Reserve		800	800					800	1,600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	680	800	120	-	-	-	-	1,600
Financed by								
General Reserve	680	800	120					1,600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	41	48	7
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	28	110	172
SURPLUS/(DEFICIT)	13	(62)	(165)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the removal of the asphalt surface, rehabilitation of concrete slabs and joints and the resurfacing of the pavement. The purpose of the rehabilitation is to improve the ride and drainage and provide a safe roadway for the motorists.



Project Name: **Inkster Boulevard - Main Street to Arlington Street**

Centre No.:	5101040703	Capital Priority Rating	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

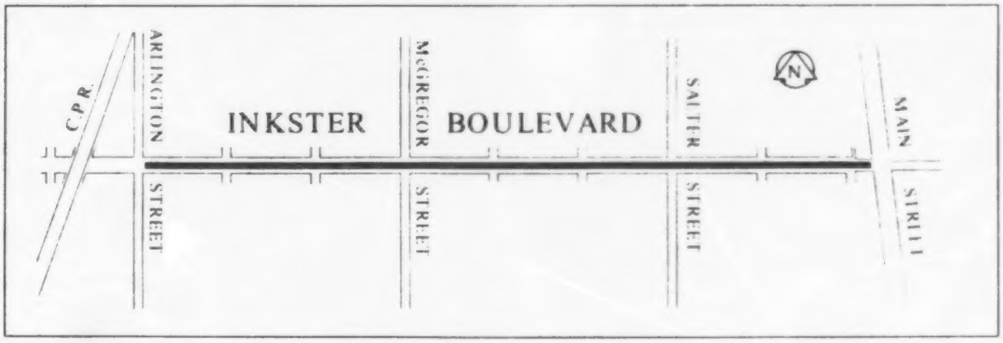
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	200	200	200	200	200	200	1,000	1,200
Financed by:									
General Reserve		200	200	200	200	200	200	1,000	1,200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	170	200	200	200	200	200	30	1,200
Financed by:								
General Reserve	170	200	200	200	200	200	30	1,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	10	12	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	27	50
SURPLUS/(DEFICIT)	3	(15)	(38)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the removal of the asphalt surface, rehabilitation of concrete slabs and joints and the resurfacing of the pavement. The purpose of the rehabilitation is to improve the ride and drainage and provide a safe roadway for the cyclists and motorists.



Project Name: **Waverley Street - Wilkes Street to Clarence Avenue**

Centre No	5101040704	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	600	1,815	-	-	-	-	-	-	1,815
Financed by									
General Reserve		1,815						-	1,815

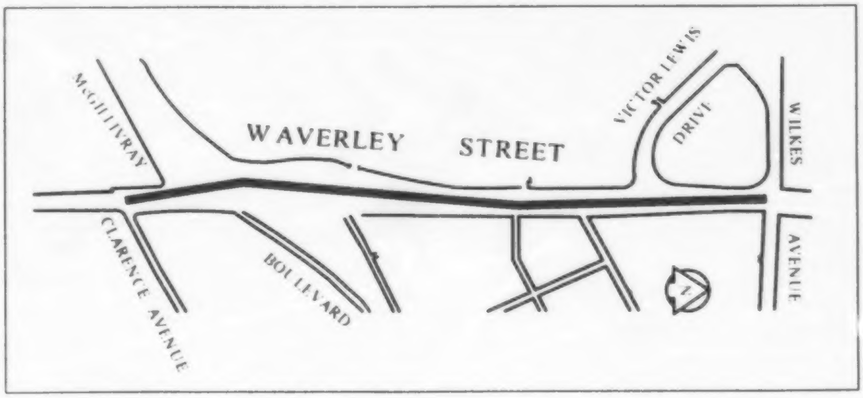
CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	1,543	272	-	-	-	-	-	1,815
Financed by								
General Reserve	1,543	272						1,815

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	93	16	-
Less			
Operating expenditures increase/(decrease)	2	4	4
Debt and finance charges increase	64	185	205
SURPLUS/(DEFICIT)	27	(173)	(209)

After 5 years, pavement maintenance costs will be an additional $1,000 per year.

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the construction of a pedestrian cycle path on the east side from Wilkes Avenue to McGillivray Boulevard, rehabilitation of concrete slabs and joints and the asphalt overlay of the pavement The purpose of the rehabilitation is to improve the ride and drainage and provide a safe environment for the cyclists and a roadway for the motorists



Project Name: **Portage Avenue Eastbound - St. Charles Street to David Street**

Centre No.:	5101040705	Capital Priority Rating	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

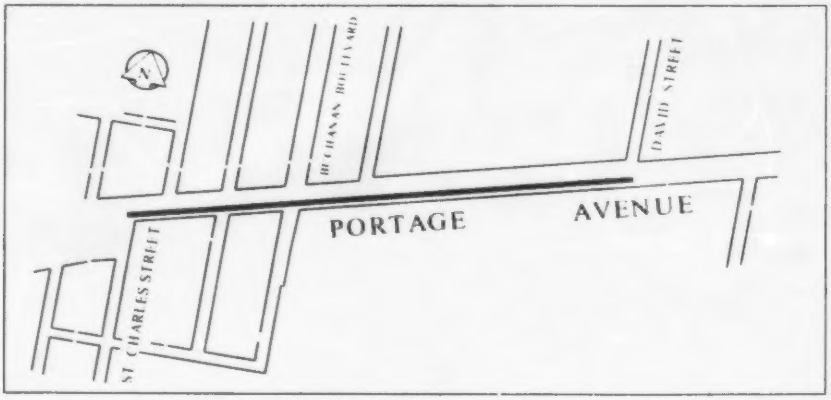
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		436	-	-	-	-	-	-	436
Financed by:									
General Reserve		436						-	436

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	371	65	-	-	-	-	-	436
Financed by:								
General Reserve	371	65						436

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	22	4	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	15	45	49
SURPLUS/(DEFICIT)	7	(41)	(49)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project includes the rehabilitation of concrete slabs and joints and the resurfacing of the existing pavement



Project Name:

Grant Avenue - Chalfont Road to Shaftesbury Boulevard

Centre No	5101040706	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

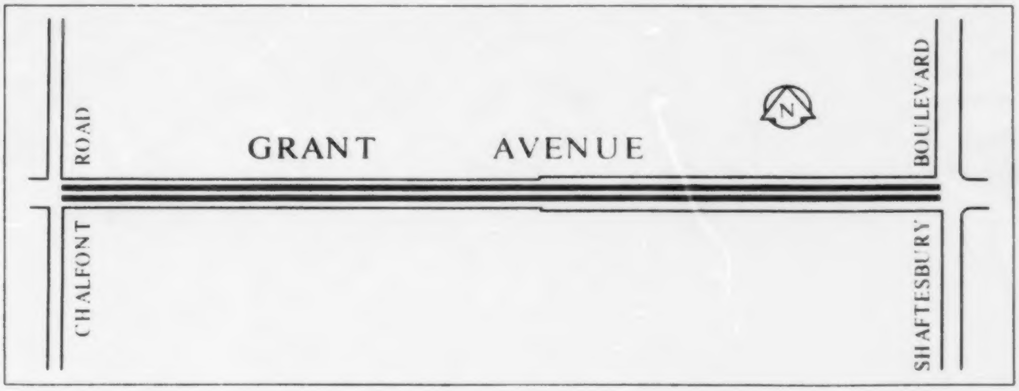
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	N/A	1,460	-	-	-	-	-	-	1,460
Financed by									
General Reserve		1,460						-	1,460

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	1,241	219	-	-	-	-	-	1,460
Financed by								
General Reserve	1,241	219						1,460

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	74	13	-
Less			
Operating expenditures increase/(decrease)	25	50	50
Debt and finance charges increase	51	149	165
SURPLUS/(DEFICIT)	(2)	(186)	(215)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the construction of a sidewalk on the south side, geometric improvements at the Shaftesbury Boulevard intersection, drainage improvements on Grant Avenue and related drainage facilities, rehabilitation of concrete slabs and joints and the asphalt overlay of the pavement. The purpose of the rehabilitation is to repair the concrete to improve the ride and drainage and provide a safe riding surface for the motorists.



Project Name: **Portage Avenue Westbound from Sharp Boulevard to Marjorie Street**

Centre No	5101040707	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

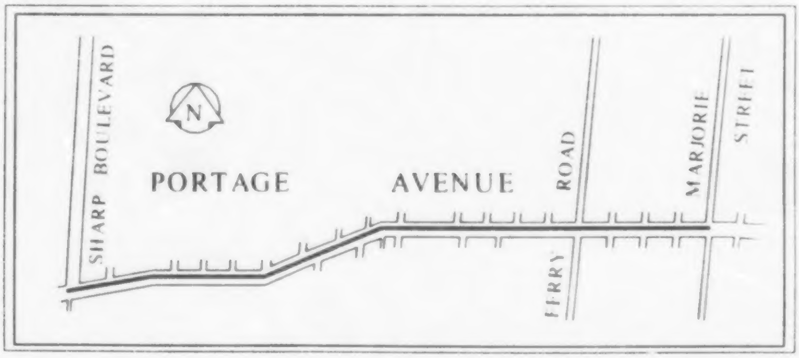
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	1,575	-	-	-	-	-	-	1,575
Financed by									
General Reserve		1,575						-	1,575

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	1,339	236	-	-	-	-	-	1,575
Financed by								
General Reserve	1,339	236						1,575

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	80	14	-
Less			
Operating expenditures increase/(decrease)	25	50	50
Debt and finance charges increase	55	161	178
SURPLUS/(DEFICIT)	-	(197)	(228)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the replacement of the street lights and traffic signal poles, the removal of the asphalt surface, rehabilitation of concrete slabs and joints and the resurfacing of the pavement. The purpose of the rehabilitation is to renew the deteriorated surface, improve the ride and drainage and provide a safe roadway for the motorists. If there are funds available as a result of the contract tendering process, this project limit will be extended east towards Queen Street.



Project Name: **Waterway Crossing and Grade Separations - Annual Maintenance Program**

Center No	51yy0507xx	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	1,300	4,850	2,160	4,250	6,242	18,802	18,802
Financed by									
General Reserve			1,300	4,850	2,160	4,250	6,242	18,802	18,802

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	1,105	4,318	2,564	3,937	5,943	935	18,802
Financed by								
General Reserve		1,105	4,318	2,564	3,937	5,943	935	18,802

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	-	66	259
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	46	308
SURPLUS/(DEFICIT)	-	20	(49)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program of carrying out major repairs on, improvements to, or replacement of existing bridges, underpasses, overpasses and culverts

No amounts have been included for "previous budgets" because of this project's recurring nature

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Route 90 Underpass at Logan Avenue**

Centre No.	5101050701	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

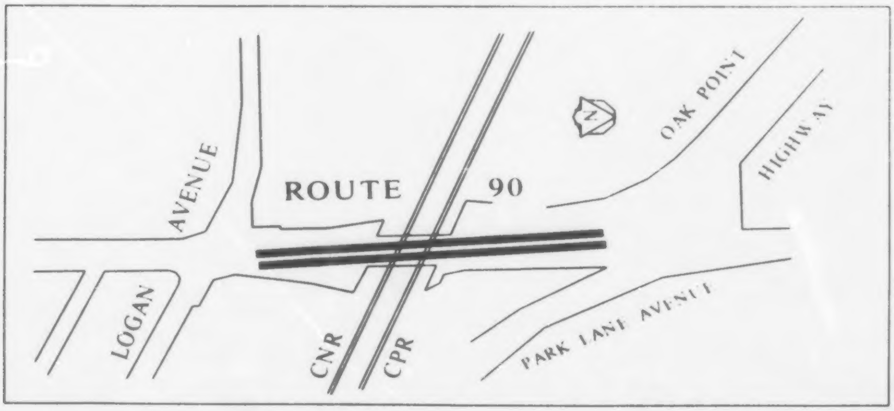
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		250	-	-	-	-	-	-	250
Financed by:									
General Reserve		250						-	250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	213	37	-	-	-	-	-	250
Financed by:								
General Reserve	213	37						250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	12	2	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	26	28
SURPLUS/(DEFICIT)	3	(24)	(28)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Project includes the rehabilitation of concrete slabs and joints and the installation of a sub-drain. The purpose of the rehabilitation is to improve the ride and drainage, provide a safe riding surface for the motorists and protect our investment in all structures contained within the underpass.



Project Name: **Bridge Deck - Deck Sealing Program**

Centre No	5101050702	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	400	-	-	-	-	-	-	400
Financed by									
General Reserve		400						-	400

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	340	60	-	-	-	-	-	400
Financed by								
General Reserve	340	60						400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	20	4	-
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	14	40	45
SURPLUS/(DEFICIT)	6	(36)	(45)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program to seal waterproof and restore concrete bridge deck surfaces

No amounts have been included for "previous budgets" because of this project's recurring nature

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Culvert Replacement Program - Ellice Avenue at Omand's Creek**

Centre No.:	5101050703	Capital Priority Rating:	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Commit to Regional Street System Improvements (5C-03)

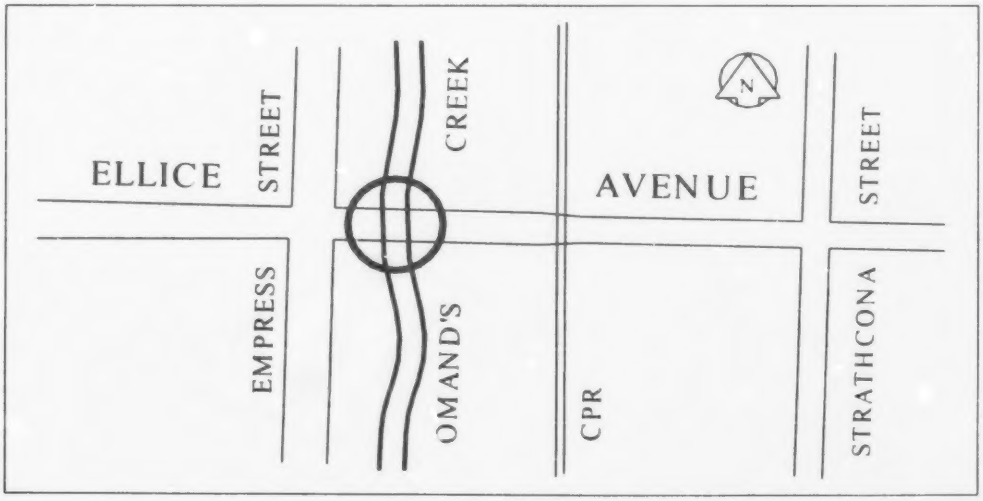
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		850	-	-	-	-	-	-	850
Financed by:									
General Reserve		850						-	850

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	800	50	-	-	-	-	-	850
Financed by:								
General Reserve	800	50						850

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	48	3	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	33	92	96
SURPLUS/(DEFICIT)	15	(89)	(96)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replacement of the existing deteriorated corrugated metal culverts with a concrete box culvert



Project Name: **Arlington Overpass**

Centre No	5101050704	Capital Priority Rating:	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

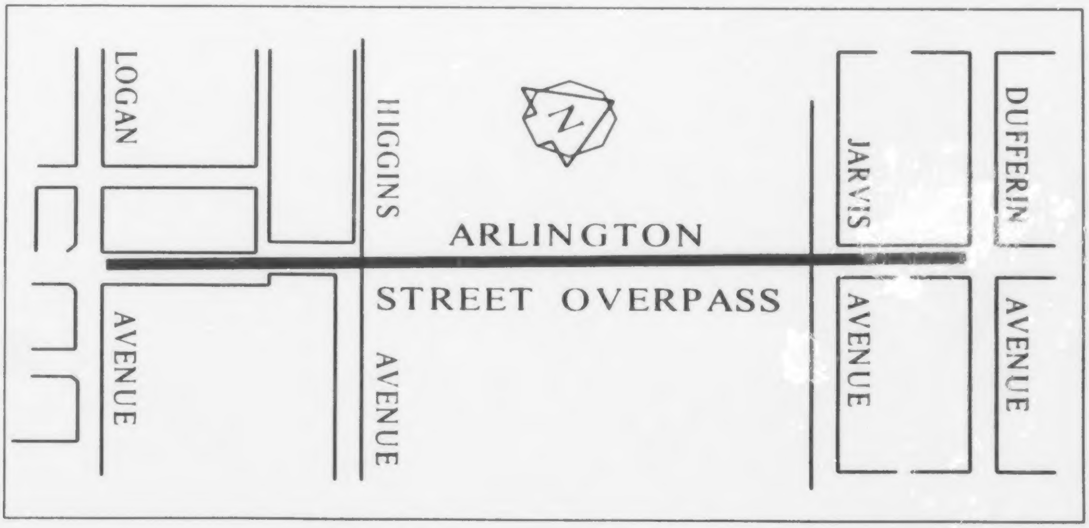
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		350	-	-	-	-	-	-	350
Financed by									
General Reserve		350						-	350

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	300	50	-	-	-	-	-	350
Financed by								
General Reserve	300	50						350

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	18	3	-
Less			
Operating expenditures increase/(decrease)	-	-	-
Debt and finance charges increase	12	36	40
SURPLUS/(DEFICIT)	6	(33)	(40)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replacement of portion of north approach spans over CPR Yards - Engineering scheduled for 2001, with construction to be scheduled in future years



Project Name: **Provencher Bridge (Red River)**

Centre No.	5101050705	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities (5C - 03) Commit to Regional Street System Improvements

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,000	18,900	23,100	11,000	-	-	-	34,100	53,000
Financed by:									
City *		18,900	23,100	11,000				34,100	53,000
								-	-
								-	-

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	15,000	27,000	11,000	-	-	-	-	53,000
Financed by:								
General Reserve	15,000	13,900	10,000	8,000	6,100			53,000
Interim Financing		13,100	1,000	(8,000)	(6,100)			-
								-

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	850	1,350	550
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	619	2,804	4,838
SURPLUS/(DEFICIT)	231	(1,454)	(4,288)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

*** Authorization for Long Term General Reserve Financing as adopted in principle on December 16, 1999**

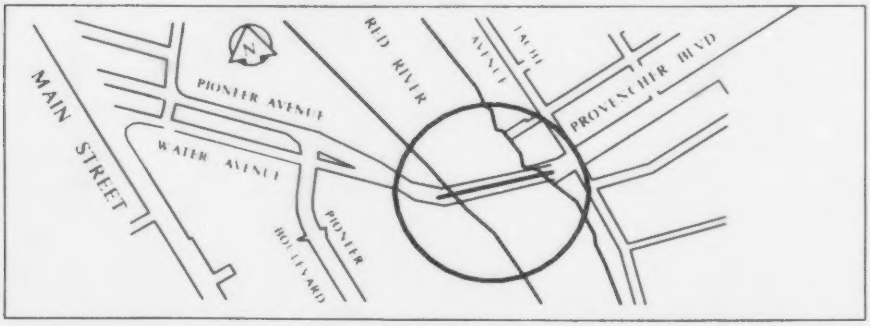
2001	2002	2003	2004	2005	Total
18,900	10,000	10,000	8,000	6,100	53,000

The cash flow for the project will be interim financed on a short-term basis from the General Reserve and/or short term promissory notes until long term financing is available from the General Reserve.

The project includes annual monitoring, inspection and preventative maintenance until scheduled closure of existing structure in 2002. A public consultation process and an environmental impact assessment was started in 1999 and the preliminary engineering design was completed in 2000. The proposed replacement of the existing structure is scheduled to commence in 2001 and be completed in 2003. The Pedestrian Bridge portion of this project is scheduled for construction in 2002.

The total cost of the project is $68,000,000 and the funding sources are as follows:

Public Works	$57,000,000
Water and Waste - Dumoulin Forcemain $1.0 million, other water and sewer renewal $0.4 million	1,400,000
Centre Venture - Pedestrian Bridge	9,400,000
Other Utilities (MTS)	200,000
	$68,000,000



Project Name: **Disraeli Bridge and Overpass Facility**

Centre No	5101050706	Capital Priority Rating:	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

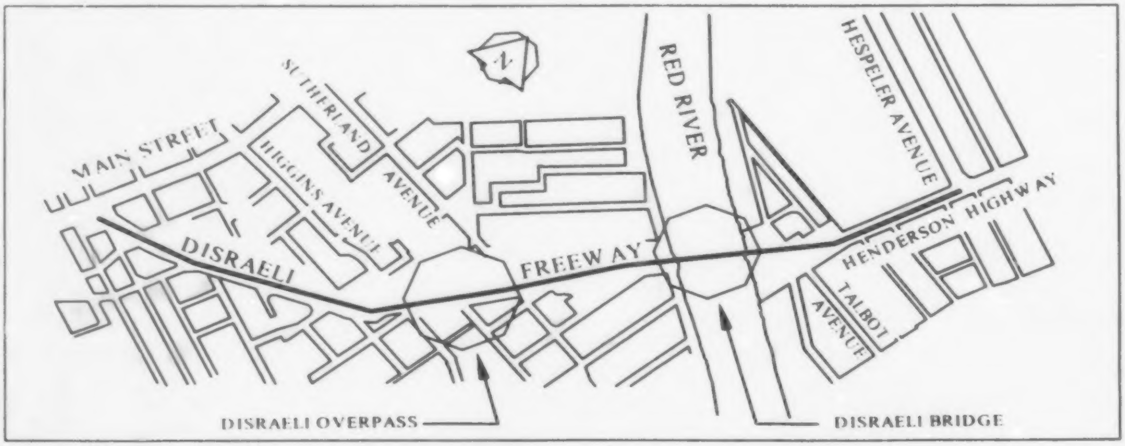
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	100	150	250	150	1,000	4,500	6,050	6,150
Financed by									
General Reserve		100	150	250	150	1,000	4,500	6,050	6,150

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	85	143	236	166	873	3,972	675	6,150
Financed by								
General Reserve	85	143	236	166	873	3,972	675	6,150

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	6	9	14
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	16	36
SURPLUS/(DEFICIT)	2	(7)	(22)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual monitoring, preventative maintenance and inspection until major interim repairs take place in 2006. Monies for preliminary engineering, environmental assessment and public consultation is budgeted for in 2005.


N
MAIN STREET
SUTHERLAND
AVENUE
HIGGINS AVENUE
DISRAELI
FREEWAY
RED RIVER
HESPELER AVENUE
HENDERSON HIGHWAY
TALBOT AVENUE
DISRAELI OVERPASS
DISRAELI BRIDGE

Project Name: **Traffic Improvement Study - North of Polo Park Area**

Centre No.:	5101070701	Capital Priority Rating:	Priority Points 3 - 4
Program:	Transportation	Plan Winnipeg Indicator:	Regional Services & Facilities Commit to Regional Street System Improvements (5C-03)

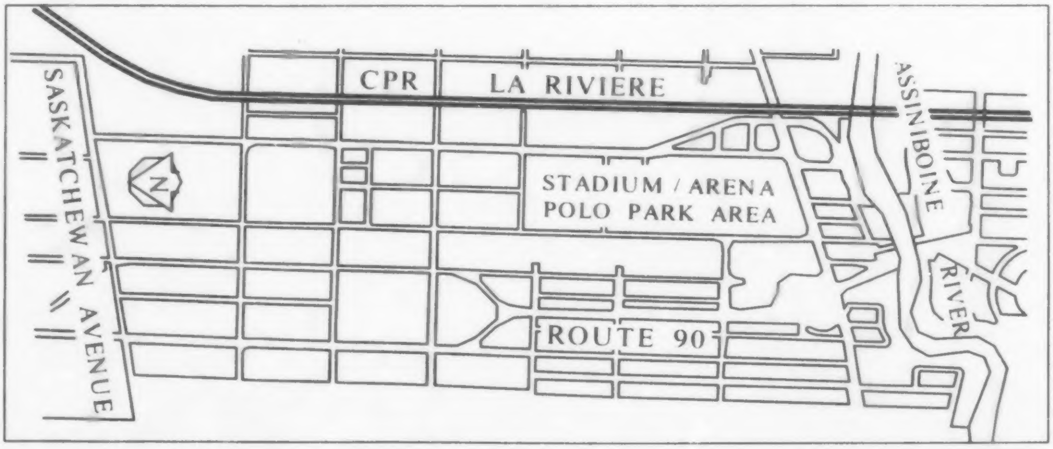
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		200	-	-	-	-	-	-	200
Financed by:									
General Reserve		200						-	200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	170	30	-	-	-	-	-	200
Financed by:								
General Reserve	170	30						200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	10	2	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	20	22
SURPLUS/(DEFICIT)	3	(18)	(22)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Polo Park/Stadium/Arena area and the area immediately to the north has undergone extensive commercial development in the past five years. This study will examine the current and projected future traffic volumes in this area bounded by the Assiniboine River, the CPR LaRiviere Subdivision, Saskatchewan Avenue, and Route 90. It will identify existing and projected future traffic congestion locations and develop a prioritized series of traffic improvements and potential funding initiatives to address these locations for consideration in future Capital Budgets.



Project Name: **Traffic Engineering Improvements - Various Locations**

Centre No.:	5101070702	Capital Priority Rating:	Priority Points 3 - 4
Program:	Transportation	Plan Winnipeg Indicator:	Regional Services & Facilities Commit to Regional Street System Improvements (5C-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	455	500	500	1,000	1,000	1,000	4,000	4,455
Financed by									
General Reserve		455	500	500	1,000	1,000	1,000	4,000	4,455

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	387	493	500	925	1,000	1,000	150	4,455
Financed by								
General Reserve	387	493	500	925	1,000	1,000	150	4,455

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	24	30	30
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	16	64	121
SURPLUS/(DEFICIT)	8	(34)	(91)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program which includes traffic control signals and pedestrian corridors, traffic signal systems enhancement, roadside safety improvements, traffic improvements, railway crossing signals and traffic calming measures. The function is to improve the safety and the traffic capacity of the existing Regional and Local Street Systems.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Pedestrian and Cycle Facilities - Various Locations**

Centre No.:	5101080701	Capital Priority Rating:	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Integrate Land Use, Urban Design, and Transportation Planning (5C-04)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	300	300	300	300	300	500	1,700	2,000
Financed by:									
General Reserve		300	300	300	300	300	500	1,700	2,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	255	300	300	300	300	470	75	2,000
Financed by:								
General Reserve	255	300	300	300	300	470	75	2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	16	18	18
Less:			
Operating expenditures increase/(decrease)	2	5	8
Debt and finance charges increase	11	41	75
SURPLUS/(DEFICIT)	3	(28)	(65)

After 5 years of operation, pavement maintenance will be an additional $3,000 per year

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Program for the construction of new sidewalks and cycle facilities along Regional Streets where no sidewalk or cycle facility presently exists and where there is a warrant for the provision of such a facility.

No amounts have been included for "previous budgets" because of this project's recurring nature

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Land Acquisition - Transportation Rights of Way - Various Locations**

Centre No	51yy1007xx	Capital Priority Rating	Priority Points 3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Commit to Regional Street System Improvements (5C-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	-	600	-	-	600	600
Financed by									
General Reserve					600			600	600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	510	90	-	-	600
Financed by								
General Reserve				510	90			600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Allowance for the acquisition of land for future transportation rights-of-way not included in any specific Capital project within the given year's Capital Program. To allow for eventual implementation of proposed transportation plans by acquiring rights-of-way when the necessary land becomes available or when non-compatible private development is proposed on the land that will be required.

No amounts have been included for "previous budgets" because of this project's recurring nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Residential Street Renewal - Various Locations**

Centre No.:	5101140701	Capital Priority Rating:	Priority Points 2 - 3
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Provide Infrastructure Maintenance & Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	5,137	7,838	8,800	9,723	10,115	10,000	46,476	51,613
Financed by:									
General Reserve		5,137	7,838	8,800	9,723	10,115	10,000	46,476	51,613

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	4,366	7,433	8,656	9,585	10,056	10,017	1,500	51,613
Financed by:								
General Reserve	4,366	7,433	8,656	9,585	10,056	10,017	1,500	51,613

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	262	446	520
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	180	799	1,698
SURPLUS/(DEFICIT)	82	(353)	(1,178)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Carrying out requirements for street reconstruction or street rehabilitation by the application of joint and slab renewals, asphalt overlays, and curb and sidewalk reconstruction. Includes projects which primarily involve the renewal of existing roadways and road surfaces with little or no improvement to the roadway alignment or width. Maintains the quality, structural adequacy and rideability and protects the original investment on the residential street system.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Curb Repair Program - Various Locations**

Centre No	5101180701	Capital Priority Rating	Priority Points 2 - 3
Program	Transportation	Plan Winnipeg Indicator	Regional Services & Facilities Provide Infrastructure Maintenance & Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	250	250	250	250	250	250	1,250	1,500
Financed by									
General Reserve		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	213	250	250	250	250	250	37	1,500
Financed by								
General Reserve	213	250	250	250	250	250	37	1,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	12	16	15
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	35	63
SURPLUS/(DEFICIT)	3	(19)	(48)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Curb renewals at various locations on local streets thoughout the City

No amounts have been included for "previous budgets" because of this project's recurring nature

Project Name: Lane Renewals - Various Locations

Centre No.:	51yy1308xx	Capital Priority Rating	Priority Points 2 - 3
Program:	Infrastructure	Plan Winnipeg Indicator	Regional Services & Facilities Provide Infrastructure Maintenance & Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	1,281	2,258	1,000	1,978	6,517	6,517
Financed by:									
General Reserve				1,281	2,258	1,000	1,978	6,517	6,517

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	1,089	2,111	1,189	1,831	297	6,517
Financed by:								
General Reserve			1,089	2,111	1,189	1,831	297	6,517

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	-	-	65
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			46
SURPLUS/(DEFICIT)	-	-	19

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Renewal of alleys throughout the City

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Sidewalk Renewals - Various Locations**

Centre No: 5101140801
Program: Infrastructure

Capital Priority Rating: Priority Points 2 - 3
Plan Winnipeg Indicator: Regional Services & Facilities
Provide Infrastructure Maintenance & Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	500	500	690	900	900	900	3,890	4,390
Financed by General Reserve		500	500	690	900	900	900	3,890	4,390

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	425	500	662	868	900	900	135	4,390
Financed by General Reserve	425	500	662	868	900	900	135	4,390

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	26	30	40
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	18	69	132
SURPLUS/(DEFICIT)	8	(39)	(92)

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Sidewalk renewals at various locations on local streets throughout the City.

No amounts have been included for "previous budgets" because of this project's recurring nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Asset Management System - Regional/Residential Streets and Parks**

Centre No.:	5101150701	Capital Priority Rating:	Priority Points 3 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	650	325	160	200	125	200	275	960	1,285
Financed by:									
General Reserve		325	160	200	125	200	275	960	1,285

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	276	185	194	136	189	264	41	1,285
Financed by:								
General Reserve	276	185	194	136	189	264	41	1,285

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	16	12	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	39	61
SURPLUS/(DEFICIT)	5	(27)	(49)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Asset Management program being implemented in the Public Works Department is centred on the application of quality management principles to the operation, maintenance, rehabilitation and reconstruction of the roadway infrastructure today and in the long-term. A primary objective is the establishment of comprehensive methodologies to demonstrate the long-term preservation requirements for the infrastructure and the appropriate usage of today's funding in an efficient and effective manner in order to meet the service objectives and obligations of the City as they relate to the roadway infrastructure. Implementation of maintenance management strategies were done during 2000. In 2001, we will be concentrating on providing pavement management guidance within the south and east areas of the City. The initial emphasis of the application of the asset management principles will be on the local street system (residential and collector streets) with the Regional Street system and Park facilities to follow in future years.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Land Drainage Sewers - Various Locations**

Centre No.	51yy1907xx	Capital Priority Rating:	Priority Points 2 - 3
Program.	Infrastructure	Plan Winnipeg Indicator:	Regional Services & Facilities Provide Infrastructure Maintenance & Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	250	250	250	250	250	1,250	1,250
Financed by									
General Reserve			250	250	250	250	250	1,250	1,250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	212	250	250	250	250	38	1,250
Financed by								
General Reserve		212	250	250	250	250	38	1,250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)		12	16
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		9	35
SURPLUS/(DEFICIT)	-	3	(19)

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Land Drainage sewers required in conjunction with isolated catch basins and connections for new pavements as well as miscellaneous improvements.

No amounts have been included for "previous budgets" because of this project's recurring nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Aesthetically Improved Streets - Improvements**

Centre No.: 54yy1807xx
Program: Amenities

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Regional Services & Facilities
Integrate Land Use, Urban Design, and Transportation Planning (5C-04)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	100	114	257	211	682	682
Financed by:									
General Reserve				100	114	257	211	682	682

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	85	112	235	218	32	682
Financed by:								
General Reserve			85	112	235	218	32	682

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			4
SURPLUS/(DEFICIT)	-	-	2

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replacement of turf with hard surfacing material on various side and centre boulevards primarily on Regional Streets whose edges have been damaged over winter months by winter chemical de-icers and abrasives and in high-use pedestrian areas

No amounts have been included for "previous budgets" because of this project's recurring nature

Project Name: **Reforestation - Improvements**

Centre No.:	5401230701	Capital Priority Rating:	Priority Points 1 - 4
Program	Image	Plan Winnipeg Indicator:	Urban Beautification Protect Urban Forest (6B-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	300	500	500	383	457	500	2,340	2,640
Financed by									
General Reserve		300	500	500	383	457	500	2,340	2,640

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	255	470	500	401	446	494	74	2,640
Financed by								
General Reserve	255	470	500	401	446	494	74	2,640

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	15	28	30
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	48	103
SURPLUS/(DEFICIT)	4	(20)	(73)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Reforestation program (tree replacement) along City boulevards and in Park sites as a result of loss to Dutch Elm Disease, snow clearing, vandalism, car accidents, etc.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Athletic Fields - Development**

Centre No.: 54yy4007xx
Program: Amenities

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
Support Recreation & Leisure Sectors (6F-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	262	168	-	616	1,046	1,046
Financed by:									
General Reserve				262	168		616	1,046	1,046

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	223	182	25	524	92	1,046
Financed by:								
General Reserve			223	182	25	524	92	1,046

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			14
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			9
SURPLUS/(DEFICIT)	-	-	5

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

New athletic field development program which includes grading, sodding, seeding, irrigation and/or drainage improvements, installation of new back-stop/goal post and other related park development as required on a site-by-site basis (Phase II).

Project Name: **Athletic Fields - Improvements**

Centre No.:	5401440701	Capital Priority Rating:	Priority Points 1 - 4
Program:	Amenities	Plan Winnipeg Indicator:	Recreation & Leisure Facilities & Services Support Recreation & Leisure Sectors (6F-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	200	-	100	198	695	-	993	1,193
Financed by General Reserve		200		100	198	695		993	1,193

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	170	30	85	183	621	104	-	1,193
Financed by General Reserve	170	30	85	183	621	104		1,193

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	10	2	6
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	20	26
SURPLUS/(DEFICIT)	3	(18)	(20)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The upgrading of athletic fields at various locations throughout the City.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Athletic Fields - Improvements Cont'd.

Allocated to:	2001	2002	2003	2004	2005	2006	Total
John Blumberg - Soccer	185				70		255
Grant Park Athletic Grounds	15				30		45
Harold Hatcher - Baseball			45	60			105
Crocus Park - Baseball			40	30			70
Shamrock Park - Soccer				30			30
Ecole Jolie School/Park - Baseball			15	15			30
McKittrick Park - Baseball				25			25
Silver Heights Community Centre				25			25
Weston Community Centre				13	25		38
Burton Cummings Community Centre					25		25
Pioneer Arena					25		25
Northwood Community Centre					25		25
Dr. Jim Shaver Memorial Park					50		50
St. Vital Memorial Park E. - Soccer					50		50
Vincent Massey - Soccer					50		50
Gateway Community Centre					50		50
Clifton Community Centre					50		50
Athletic Field Upgrading - Various					75		75
Woodsworth Park - Baseball					50		50
Anderson Park Irrigation					50		50
Roland Mitchner Fencing & Drainage					70		70
	200	-	100	198	695	-	1,193

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Parks - Development**

Centre No.: 54yy7107xx
Program: Amenities

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Regional Services & Facilities
Establish New Neighbourhood Parks
(5C-43)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	2,071	495	273	150	2,989	2,989
Financed by:									
General Reserve				2,071	495	273	150	2,989	2,989

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	1,760	731	306	168	24	2,989
Financed by:								
General Reserve			1,760	731	306	168	24	2,989

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			106
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			75
SURPLUS/(DEFICIT)	-	-	31

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Development of parks which includes accessibility, tree planting, park furniture, walkways, playground equipment, lighting and related landscaping.

Parks - Development Cont'd.

Allocated to:	2001	2002	2003	2004	2005	2006	Total
Arthur Wright/Duval Park			135				135
King's Park			107				107
Whittier Park			193				193
Dakota Park			403				403
Sturgeon Creek Park			125				125
Kinver Park			125				125
Amanda Crescent Park			82				82
Dunham Park			43				43
Egesz Park			20				20
Simkin Park			74				74
Fairgrove Park			40				40
Tyndall Park			50				50
Tuxedo West Park			40				40
Morley R. Kare Park			121				121
Gateway Park					73		73
Robson/Atwood Park			220				220
Tanya Crescent Park			156				156
Parks Development - Various					200		200
Marj Edey Park			137				137
St. Vital Playground				125			125
John Forsyth Park				100			100
Kilcona Park				200			200
Adsum Park				70			70
Unallocated						150	150
	-	-	2,071	495	273	150	2,989

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Parks - Improvements**

Centre No.:	5401720701	Capital Priority Rating:	Priority Points 1 - 4
Program:	Amenities	Plan Winnipeg Indicator:	Regional Services & Facilities Upgrade Existing Neighbourhood Parks (5C-44)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	371	323	260	294	300	200	1,377	1,748
Financed by General Reserve		371	323	260	294	300	200	1,377	1,748

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	315	331	269	289	299	215	30	1,748
Financed by General Reserve	315	331	269	289	299	215	30	1,748

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	18	20	16
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	13	49	84
SURPLUS/(DEFICIT)	5	(29)	(68)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Improvements to parks to provide a more functionally and aesthetically pleasing open space environment for neighbourhood residents. May include replacement of park benches, picnic tables, barbeques, fencing, tree shrubs, and pathways as required on a City-wide, site by site basis.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Parks - Improvements - Cont'd.

Allocated to :	2001	2002	2003	2004	2005	2006	Total
EK/Transcona Playground Upgrades	110						110
N. Perimeter Boat Launch	111						111
Sargent Park Tennis Courts	150						150
Assiniboine Park Playground Upgrade		173					173
Pathway/Walkway/Repairs Imp. (King's/Kildonan/Assiniboine Park)		150					150
Park & Playground Renov. - City Wide			260		300		560
Picnic Shelter/Washroom Renovation (Expansion & Additions In Reg. Parks)				173			173
King's Park Pathway - Relocation				121			121
Unallocated						200	200
	371	323	260	294	300	200	1,748

Project Name: **Community Centres - Refurbishing and Improvements**

Centre No	5401830701	Capital Priority Rating:	Priority Points 1 - 4
Program	Amenities	Plan Winnipeg Indicator:	Community Services & Facilities Provide Wide Range of Services & Facilities (4C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	220	411	1,150	400	350	350	2,661	2,881
Financed by General Reserve		220	411	1,150	400	350	350	2,661	2,881

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	187	377	1,040	513	358	351	55	2,881
Financed by General Reserve	187	377	1,040	513	358	351	55	2,881

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	12	22	62
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	8	36	108
SURPLUS/(DEFICIT)	4	(14)	(46)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Renewal and/or replacement of building components and systems to meet safety and health concerns and correct deteriorations of the infrastructure

No amounts have been included for "previous budgets" because of this project's recurring nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Building Refurbishing/Improvements - Arenas**

Centre No.: 54yy8007xx

Program: Amenities

Capital Priority Rating: Priority Points 1 - 4

Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
Support Recreation & Leisure Sectors (6F-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	600	520	175	175	1,470	1,470
Financed by:									
General Reserve				600	520	175	175	1,470	1,470

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	510	532	227	175	26	1,470
Financed by:								
General Reserve			510	532	227	175	26	1,470

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			30
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			22
SURPLUS/(DEFICIT)	-	-	8

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Renovations and/or improvements to various indoor arenas including ice plant component replacement, ice resurfacer, interior improvements, heating, ventilation and electrical improvements, replacements of rink components, building envelop and structural improvements

No amounts have been included for "previous budgets" because of this project's recurring nature

Project Name: **Building Refurbishing/Improvements - Indoor Aquatic Facilities**

Centre No.: 5401820701
Program: Amenities

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
Support Recreation & Leisure Sectors (6F-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	663	203	440	420	350	350	1,763	2,426
Financed by:									
General Reserve		663	203	440	420	350	350	1,763	2,426

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	564	272	404	423	361	350	52	2,426
Financed by:								
General Reserve	564	272	404	423	361	350	52	2,426

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	34	16	24
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	23	75	111
SURPLUS/(DEFICIT)	11	(59)	(87)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Renovations and replacement of deteriorated outer building components to selected aquatic facilities due to air barrier failure and/or a general provision for refurbishing/improvements

No amounts have been included for "previous budgets" because of this project's recurring nature.

Allocated to :

	2001	2002	2003	2004	2005	2006	Total
Air Barrier/Building Envelope	423				350		773
Building Refurbishing	240		170	420		350	1,180
Pan Am - Sprinkler System		203	270				473
	663	203	440	420	350	350	2,426

Project Name: **Building Refurbishing/Improvements - Outdoor Aquatic Facilities**

Centre No.: 54yy8207xx
Program: Amenities

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
Support Recreation & Leisure Sectors (6F-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	150	-	195	195	540	540
Financed by:									
General Reserve				150		195	195	540	540

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	128	23	166	195	28	540
Financed by:								
General Reserve			128	23	166	195	28	540

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			8
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			5
SURPLUS/(DEFICIT)	-	-	3

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishing/improvements to various outdoors facilities including wading pool basins, slide components, swimming pool tanks, mechanical system and pool decks.

No amounts have been included for "previous budgets" because of this project's recurring nature.

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Building Refurbishing/Improvements - Community Facilities**

Centre No.:	5401830702	Capital Priority Rating:	Priority Points 1 - 4
Program:	Amenities	Plan Winnipeg Indicator:	Community Services & Facilities Provide Wide Range of Services & Facilities (4C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	140	-	400	480	200	200	1,280	1,420
Financed by:									
General Reserve		140		400	480	200	200	1,280	1,420

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	119	21	340	468	242	200	30	1,420
Financed by:								
General Reserve	119	21	340	468	242	200	30	1,420

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	8	2	20
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	14	30
SURPLUS/(DEFICIT)	3	(12)	(10)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Renewal and/or replacement of building components and systems to meet safety and health concerns and correct deterioration of Infrastructure.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **A/C Plant Refurbishing - Ozone Depletion Act Compliance**

Centre No.: 54yy7407xx
Program: Physical Asset Stewardship

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Regional Services & Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	200	200	400	400
Financed by:									
General Reserve						200	200	400	400

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	170	200	30	400
Financed by:								
General Reserve					170	200	30	400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrade of various recreation facilities which presently use halogen, and those facilities which contravene the Ozone Depletion Act

Replacement of freon refrigerants and any associated equipment involved in the change over at various Indoor Arenas and Leisure/Recreation Centres.

Project Name: **Fire/Life Safety Replacement/Asbestos Removal**

Centre No.:	54yy7407xx	Capital Priority Rating:	Priority Points 1 - 4
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services & Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	225	225	450	450
Financed by General Reserve						225	225	450	450

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	191	225	34	450
Financed by General Reserve					191	225	34	450

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrading - Replacement of Fire Safety Systems, Emergency Lighting, and Asbestos Abatement where required, to meet the requirements of Fire/Building Codes and possible changing Government regulations. The maintenance of various recreation facilities including indoor pools, arenas, community centres and leisure centres.

Project Name: **Energy Conservation Initiatives**

Centre No.:	54yy7407xx	Capital Priority Rating:	Priority Points 1 - 4
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Energy Conservation Prepare Energy Management Plan (3G-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	125	125	250	250
Financed by:									
General Reserve						125	125	250	250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	106	125	19	250
Financed by:								
General Reserve					106	125	19	250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Maintenance of -
Various Recreation Facilities including Indoor Pools, Arenas, Community Centres, and Leisure Centres to improve energy efficiency to lower utility operating costs and decrease emissions

Provision of -
Implementation phase of Energy Management Plan, to improve energy efficiency, to lower utility operating costs and decrease emissions Utility Bill Savings - Reduced energy costs promoting cost efficiency

Project Name: **Community Incentive Grant Program**

Centre No.:	6401250701	Capital Priority Rating:	1 - 2
Program:	Amenities	Plan Winnipeg Indicator:	Recreation and Leisure Facilities and Services; Support Recreation and Leisure Sectors (6F-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,999	1,282	1,082	1,393	1,393	1,393	1,393	6,654	7,936
Financed by:									
General Reserve		1,282	1,082	1,393	1,393	1,393	1,393	6,654	7,936

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	385	837	1,107	1,320	1,362	1,393	1,532	7,936
Financed by:								
General Reserve	385	837	1,107	1,320	1,362	1,393	1,532	7,936

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	21	91	154
SURPLUS/(DEFICIT)	(21)	(91)	(154)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Community Incentive Grant Program of the City of Winnipeg is designed to encourage organizations to undertake community recreation and to support capital projects which will result in long term benefits to the Community at large in terms of improved facilities. Criteria were adopted by Council on May 25, 1994.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Assiniboine Park Zoo Development**

Centre No.:	54yy0507xx	Capital Priority Rating:	1 - 4
Program:	Amenities	Plan Winnipeg Indicator:	Recreation and Leisure Facilities and Services Support Assiniboine Park Zoo (6F-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		-	100	-	950	1,000	500	2,550	2,550
Financed by:									
General Reserve			100		950	1,000	500	2,550	2,550

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	100	-	293	1,657	500	-	2,550
Financed by:								
General Reserve		100		293	1,657	500		2,550

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		4	11
SURPLUS/(DEFICIT)	-	(4)	(11)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Allocated as follows:

	2001	2002	2003	2004	2005	2006	Total
To prepare detailed plans for specific projects identified in an overall concept plan for the Zoo		100					100
Construction of new 15,000 sq. ft. Zoo Staff/ Office Centre				950	1,000		1,950
Exhibit development related to Zoo Master Plan						500	500
	-	100	-	950	1,000	500	2,550

Project Name: **Assiniboine Park Zoo - Improvements**

Centre No.: 5401080701
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Recreation and Leisure Facilities and Services
Support Assiniboine Park Zoo (6F-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		200	270	216	100	666	-	1,252	1,452
Financed by:									
General Reserve		200	270	216	100	666		1,252	1,452

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	200	270	216	100	666	-	-	1,452
Financed by:								
General Reserve	200	270	216	100	666			1,452

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	8	38	65
SURPLUS/(DEFICIT)	(8)	(38)	(65)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Allocated as follows:

	2001	2002	2003	2004	2005	2006	Total
Roadway and walkway repairs					353		353
Building improvements	200	110					310
Miscellaneous Zoo improvements					213		213
Major repairs to Tropical House			216				216
Roof replacement program		160					160
Infrastructure improvements					100		100
Energy conservation program - conversion to gas				100			100
	200	270	216	100	666	-	1,452

Project Name: **Computer Acquisition - Upgrade Reorganization and Customer Service**

Centre No.:	6401080701	Capital Priority Rating:	3 - 4
Program:	Information Stewardship	Plan Winnipeg Indicator:	Declaration of Commitment Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,521	100	100	100	-	-	-	200	300
Financed by:									
General Reserve		100	100	100				200	300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	100	100	100	-	-	-	-	300
Financed by:								
General Reserve	100	100	100					300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	17	28
SURPLUS/(DEFICIT)	(4)	(17)	(28)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is required to continue establishing the departmental computer technology base, provide the capability to distribute and share information across divisions and participate in corporate information initiatives such as the Inter/Intranet Working Group, Document Management and Workflow and other interdepartmental partnerships. The Community Services Department expects to improve on its productivity and customer service through the implementation of planned new information systems. The Desktop standardization and Year 2000 portions of this project were completed with the funds allocated previously to the 1999/2000 time period.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Library Replacements - Various**

Centre No.: 55yy0107xx
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Ensure Proper Location of Libraries (5C-54)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	521	611	1,132	1,132
Financed by:									
General Reserve						521	611	1,132	1,132

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	150	371	611	1,132
Financed by:								
General Reserve					150	371	611	1,132

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is required to replace aging library infrastructure. Funds will be utilized to furnish and stock a new library. The Community Services Department, Library Services Division expects to improve branch efficiency and improve quality of service provided to residents.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Millennium Library**

Centre No.: 55yy020701
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Regional Services & Facilities
Support Public Library System (5C-53)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	1,000	1,000	1,000	-	-	3,000	3,000
Financed by:									
General Reserve *			1,000	1,000	1,000			3,000	3,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	1,000	1,000	1,000	-	-	-	3,000
Financed by:								
General Reserve		1,000	1,000	1,000				3,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			1,954
Debt and finance charges increase		56	170
SURPLUS/(DEFICIT)	-	(56)	(2,124)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

* Conditional Upon Other Funding Being in Place

The Millennium Library Project is the complete renovation and refurbishing of the current Centennial Library to provide library service in the 21st Century. The Millennium Library will contain major technological and structural improvements. The project includes a possible private partnership to enhance its viability. Annual operating expenditures are anticipated at approximately $2 million.

Project Name: **Security Systems - Various Branches**

Centre No.: 55yy0207xx
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Support Public Library System (5C-53)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	129	-	-	-	129	129
Financed by:									
General Reserve				129				129	129

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	60	69	-	-	-	129
Financed by:								
General Reserve			60	69				129

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			2
SURPLUS/(DEFICIT)	-	-	(2)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On-going program to provide security of library materials at various branches.

Project Name: **Community Computer Access Program**

Centre No.: 5501040701
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Support Public Library System (5C-53)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,425	425	425	280	280	-	-	985	1,410
Financed by:									
General Reserve		425	425	280	280			985	1,410

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	425	425	280	280	-	-	-	1,410
Financed by:								
General Reserve	425	425	280	280				1,410

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	18	72	112
SURPLUS/(DEFICIT)	(18)	(72)	(112)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Computer system expansion and upgrade to provide information services to our community. The implementation of an integrated multimedia (voice, data, audio, video) network of computers in all libraries which will provide both staff and public with access to numerous electronic resources including but not limited to WPL's On-Line catalogue, CDROMS, the Internet, the Freenet, City Information Databases, Community Information Database, etc. The project will provide for the community equitable access to electronic database information from around the world.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Assiniboine Park Amenities Improvements**

Centre No.: 54yy0807xx
Program: Amenities

Capital Priority Rating: 1 - 4
Plan Winnipeg Indicator: Recreation and Leisure Facilities and Services
Support Assiniboine Park Zoo (6F-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	268	200	468	468
Financed by:									
General Reserve						268	200	468	468

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	268	200	-	468
Financed by:								
General Reserve					268	200		468

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Various Assiniboine Park Zoo, Conservatory and Park infrastructure improvements and repairs, including pathway and roadway improvements and repairs, existing support infrastructure improvements and repairs, and facility repairs and refurbishment.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Library Furniture Replacement Program**

Centre No.: 55yy0207xx
Program: Education

Capital Priority Rating: 1 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Support Public Library System (5C-53)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	200	-	-	-	200	200
Financed by:									
General Reserve				200				200	200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	100	100	-	-	-	200
Financed by:								
General Reserve			100	100				200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			4
SURPLUS/(DEFICIT)	-	-	(4)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds are required to replace/upgrade existing library furniture in various branches. The Library Services Division's annual operating budget does not provide sufficient funding to cover costs associated with shelving replacement and other major furniture replacement programs. The Community Services Department, Library Services Division expects to replace aging furniture with modern, state-of-the-art library furniture, reduce safety risks, improve accessibility in branches and increase standardization of formats.

Project Name: **Integrated Property Based Information Systems**

Centre No.:	6401080707	Capital Priority Rating:	3 - 4
Program:	The Downtown and Neighbourhoods	Plan Winnipeg Indicator:	Declaration of Commitment Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		250	-	250	-	250	-	500	750
Financed by:									
General Reserve		250		250		250		500	750

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	250	-	250	-	250	-	-	750
Financed by:								
General Reserve	250		250		250			750

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	110	150	150
Debt and finance charges increase	10	28	38
SURPLUS/(DEFICIT)	(120)	(178)	(188)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project seeks to address two specific business functions identified in the Integrated Property Systems report presented to EPC in the spring of 2000. These systems provide information critical to policy initiatives such as the Housing Policy and the City's integrated "property orders" information system for tracking property, building, land use, fire, health and other critical information.

These projects expand upon the partnership established between Community Services and Planning, Property and Development in the use of Amanda (BUILD) and other technologies including Geographic Information Systems and Web-based technologies. This partnership will include Public Works through its customer information - request for service system.

a) Automation of Environmental Health Inspection and Reporting systems - The project entails delivery of a complete Public Health Inspections information system. The objective is to capitalize on the workflow improvements possible under the Amanda (BUILD) and License+ systems already in use within the Community Services Department's License Branch and Planning, Property and Development's permit and inspection systems.

b) Community Resource Area (CRA) data model and application development - This project will create and implement a Community Resource database. The project will integrate community-related information from City departments such a Property Assessment, Community Services, Fire Paramedic Services, Police Services, Planning, Property and Development and Public Works. External linkages to data from the Province of Manitoba, the Government of Canada and other agencies are also included in this project. The database will be comprised of community-related information linked to the City's property databases.

Outcomes from this project include: a fully-defined data model that links to internal civic and external data sources and a governance structure to manage partnership opportunities (information development and sharing) with other governments and community agencies, citizen access to community information, and sharing of the social, economic and other statistical indicators necessary to support service targeting at the community and neighbourhood levels. The project will acquire the necessary hardware and software to achieve this implementation.

POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **P.A.R.C.S. Replacement/Mobile Data Terminal Upgrade**

Centre No.: 5603040701
Program: Information Stewardship

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,900	-	-	634	1,789	418	-	2,841	2,841
Financed by:									
General Reserve				634	1,789	418		2,841	2,841

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	2,423	418	-	-	2,841
Financed by:								
General Reserve				2,423	418			2,841

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is part of the overall Police Automated Records & Communication System (P.A.R.C.S.) replacement. P.A.R.C.S. replacement is an adopted 2000 project for $3,750,000. In addition there is 1996 adopted capital of $150,000 for P.A.R.C.S. analysis. A project team was recently formed to implement this major project. The team's first task was to review requirements including necessary funding. Total cost is now estimated at $6,741,000 leaving a $2,841,000 shortfall from existing adopted capital. To mitigate the impact on the existing five year forecast $575,000 for Mobile Data Terminal Replacement in 2001 and $1,582,000 for Auto Vehicle Locator (AVL) in 2005 have been removed. The new P.A.R.C.S. will have some aspect of AVL included.

POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Renovations - 5th Floor, Public Safety Bldg.**

Centre No.:	5605010701	Capital Priority Rating:	3 - 3
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-		-	-	500	-	500	500
Financed by:									
General Reserve						500		500	500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	178	322	-	500
Financed by:								
General Reserve					178	322		500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Police Service Administrative offices no longer serve the needs of Executive members and staff due to the organization changes that have taken place. Some offices are too small to be functional and other areas contain much wasted space. This project will address these concerns.

Project Name: **Telephone Intercept System Replacement**

Centre No.: 5601040701
Program: Safety

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Regional Services an Facilities
Provide Emergency Services (5C - 51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		441	-	-	-	-	-	-	441
Financed by:									
General Reserve		441						-	441

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	50	391	-	-	-	-	-	441
Financed by:								
General Reserve	50	391						441

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)		(7)	3
Debt and finance charges increase	2	19	44
SURPLUS/(DEFICIT)	(2)	(12)	(47)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Telephone Intercept System is an investigative tool critical for gathering information and evidence in connection with major crimes. The existing system, acquired in 1994, is no longer reliable, and because of dated technology, repair parts are increasingly more difficult to obtain. In addition, software problems cannot be addressed in a timely manner because of lack of available expertise with the program. This system was developed in Israel and marketed by an American company; support for this dated technology is not vigorous. The system must be replaced as soon as possible otherwise the success of major crimes investigation will be jeopardized. It is anticipated that project development and implementation will span from September 2001 to April 2002.

Project Name: **Fire Station Rationalization - Combining Stations No. 4 and No. 13**

Centre No.: 5701010701
Program: Safety

Capital Priority Rating: 3 -3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	390	1,000	-	-	-	-	-	-	1,000
Financed by:									
General Reserve		1,000						-	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	750	250	-	-	-	-	1,000
Financed by:								
General Reserve		750	250					1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			(1,073)
Debt and finance charges increase	10	60	60
SURPLUS/(DEFICIT)	(10)	(60)	1,013

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Fire Paramedic Services recommends that the merger of Stations 4 and 13 be initiated in 2001. This initiative will provide for much needed access to the river system, along with the ability to provide an ambulance station at the same location.

Project Name: **Replacement of Fire Station No. 12**

Centre No.: 57yy0107xx
Program: Safety

Capital Priority Rating: 3 -3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	400	400	400
Financed by:									
General Reserve							400	400	400

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	400	-	400
Financed by:								
General Reserve						400		400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The replacement of the fire station is necessary since the current station is not serving the expansion of the Tuxedo area adequately, nor is response to the west adequate to provide support to the Charleswood area for the organizational plan (pending closure of station #19 at Whytewold and Lodge). Also, the current structure no longer meets the functional requirement of housing the staff and apparatus. The cost of upgrading this site is prohibitive and still fails to enhance the response requirements. The general location identified as being suitable is in the Grant/Kenaston area. All inclusive costs are estimated to be $200,000 for land and $1,400,000 for station construction. This project provides $400,000 for the land acquisition and preliminary engineering. The balance of the construction requirement would be put forward in 2007.

Project Name: **Fire Protection Systems Upgrade for 3 Storey Fire Stations**

Centre No.:	57yy0107xx	Capital Priority Rating:	3-4
Program:	Safety	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	263	-	-	-	263	263
Financed by:									
General Reserve				263				263	263

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	263	-	-	-	-	263
Financed by:								
General Reserve			263					263

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			3
SURPLUS/(DEFICIT)	-	-	(3)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The upgrade will provide sprinkler system and life safety systems for the existing 3 storey fire stations. There are two locations that are a priority (#3 at Goulet and Des Meurons, and #15 at Cottonwood and Autumnwood). These are 3 storey structures with a greater risk potential. #15 station has no second egress and flame-spread potential is considered to be the first priority.

Project Name: **Water Main Extension for Fire Fighting Training**

Centre No.:	57yy0207xx	Capital Priority Rating:	3-5
Program:	Safety	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	399	-	-	-	399	399
Financed by:									
General Reserve				399				399	399

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	399	-	-	-	-	399
Financed by:								
General Reserve			399					399

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			4
SURPLUS/(DEFICIT)	-	-	(4)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The water supply requirement for fire apparatus is a 10" water main. This size of main is necessary for proper training simulations and evaluation of fire apparatus. The main must be extended from the east side of McPhillips for a distance of 690 metres.

Project Name: **Fire Information Network**

Centre No.: 57yy0407xx
Program: Safety

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	164	-	-	279	-	-	-	279	279
Financed by:									
General Reserve				279				279	279

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	279	-	-	-	-	279
Financed by:								
General Reserve			279					279

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			3
SURPLUS/(DEFICIT)	-	-	(3)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Fire Information Network is an automated system that will link all stations and branch offices in the Fire Paramedic Service Department in a data communications network. Managers will utilize this network for operational and administrative information. This system will interface with existing automated systems in the department and is comprised of a Personnel Module, a Training Module, a Field Reporting Module, and a Fire Inspection and Reporting System Module. Project funding is required to complete the work on these modules started in 1998.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Burn Building Simulator**

Centre No.: 57yy0507xx
Program: Safety

Capital Priority Rating: 3 -3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	441	-	441	441
Financed by:									
General Reserve						441		441	441

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	441	-	-	441
Financed by:								
General Reserve					441			441

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Burn Building fire and smoke simulation units are required to maximize training opportunities and utilize the facility to its intended potential These simulators are propane fired and replicate fire ground situations for fire fighters to develop safe and efficient methods of minimizing fire loss

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Fire Station Rationalization - Combining Stations No. 9 and No. 21**

Centre No.:	57yy0107xx	Capital Priority Rating:	3 -3
Program:	Safety	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Emergency Services (5C-51)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	1,579	-	1,579	1,579
Financed by:									
General Reserve						1,579		1,579	1,579

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	300	1,279	-	1,579
Financed by								
General Reserve					300	1,279		1,579

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Fire Paramedic Service department recommends that the merger of Stations 9 and 21 be initiated in 2005. Funds originally allocated for the replacement of station #12 have been deferred to 2006 and 2007.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **General Building Renovation and Refurbishing**

Centre No.:	6301030701	Capital Priority Rating:	3 - 3
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Declaration of Commitment Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	209	400	300	300	500	500	2,000	2,209
Financed by:									
General Reserve		209	400	300	300	500	500	2,000	2,209

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	209	400	600	500	500	-	2,209
Financed by:								
General Reserve		209	400	600	500	500		2,209

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		17	52
SURPLUS/(DEFICIT)	-	(17)	(52)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an ongoing program to fund small corporate moves and minor interior renovations and other miscellaneous projects for which no other separate financing is available. Fundamental to productivity gain: for corporate renovations, moves etc. which facilitates client changes/activities.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Civic Buildings, Barrier Free Access**

Centre No.:	6301030702	Capital Priority Rating:	3 - 2+2
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Demographic Changes Ensure Accessibility for Disabled Citizens (4A-02)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	206	206	-	104	-	150	460	666
Financed by:									
General Reserve		206	206		104		150	460	666

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	206	206	-	104	-	150	-	666
Financed by:								
General Reserve	206	206		104		150		666

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	5	5	5
Debt and finance charges increase	17	34	37
SURPLUS/(DEFICIT)	(22)	(39)	(42)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To improve accessibility by disabled persons to existing City-owned buildings and in so doing meet the legislated standards with respect to barrier free access. Work varies between wheelchair ramps and elevators. Legally required: Building Code requirements.

No amounts have been included for "previous budgets" because of this project's recurring nature.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Removal of Asbestos**

Centre No.:	6301030703	Capital Priority Rating:	3 - 3
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

			FORECAST						
AUTHORIZATION	**Previous Budgets**	**2001 Adopted**	**2002**	**2003**	**2004**	**2005**	**2006**	**Five-Year Forecast Total**	**Six-Year Total**
Project Costs ($000's)	N/A	168	168	-	168	-	200	536	704
Financed by:									
General Reserve		168	168		168		200	536	704

CASH FLOW	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**Beyond 2006**	**Total**
Project Costs ($000's)	168	84	84	168	-	200	-	704
Financed by:								
General Reserve	168	84	84	168		200		704

NET OPERATING IMPACT	**2001**	**2002**	**2003**
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	14	21	30
SURPLUS/(DEFICIT)	(14)	(21)	(30)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Removal of asbestos in civic buildings: This is a regulatory requirement during renovations. It is a legislated ruling on the removal of hazardous material from existing facilites. An inventory of asbestos within City buildings has been completed with work prioritized to undertake work when other building renovations are planned or due to some other physical disturbance of asbestos covered building components.

No amounts have been included for "previous budgets" because of this project's recurring nature.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Administration Building Alterations**

Centre No.:	63yy0307xx	Capital Priority Rating:	3 - 3
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	200	200	-	-	400	400
Financed by:									
General Reserve				200	200			400	400

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	400	-	-	-	400
Financed by:								
General Reserve				400				400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

These budgeted funds are for the renovation of the second floor meeting rooms at 510 Main Street in order to improve their functionality.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **510 Main Street - Elevator Controls**

Centre No.: 63yy0307xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 2+2
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	390	-	-	-	-	390	390
Financed by:									
General Reserve			390					390	390

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	390	-	-	-	-	-	390
Financed by:								
General Reserve		390						390

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	(5)	(5)	(5)
Debt and finance charges increase		32	35
SURPLUS/(DEFICIT)	5	(27)	(30)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The original controls for the three elevators in 510 Main Street are at the end of their anticipated life and require replacement. This will also provide for faster handicapped operable elevators. Essential: Original equipment requires upgrading.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Council Building Redevelopment**

Centre No.:	6301030704	Capital Priority Rating:	3 - 3+2
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Downtown Consolidate Civic Functions (5B-04)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	500	-	-	-	-	-	-	500
Financed by:									
General Reserve		500						-	500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
General Reserve	500							500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	41	41	44
SURPLUS/(DEFICIT)	(41)	(41)	(44)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The original intent was to redevelop the Council Building to meet current codes, bylaws and respond to organizational changes by providing office space for councillors, the Mayor and associated support areas which meet Civic space standards. The revised program for the Council Chambers will provide barrier-free access and technology improvements. Legally required/essential: code requirements. The first year of this program will provide completed engineering and design, and some smaller scale remedies for barrier-free access.

Project Name: **Fire Safety Upgrading-Various Locations**

Centre No.: 64yy0307xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	100	400	-	-	200	700	700
Financed by:									
General Reserve			100	400			200	700	700

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	100	400	-	-	200	-	700
Financed by:								
General Reserve		100	400			200		700

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	43
SURPLUS/(DEFICIT)	-	(8)	(43)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The present fire safety controls in buildings are aging and require upgrading to current standards. Legally required/essential code and life safety requirements.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Central Yard Relocation**

Centre No.: 63yy0307xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 4+2
Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	13,473	-	-	1,382	1,600	500	-	3,482	3,482
Financed by									
General Reserve				1,382	1,600	500		3,482	3,482

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	2,982	500	-	-	3,482
Financed by								
General Reserve				2,982	500			3,482

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			30
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	(30)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project was initiated as a result of locating the Federal Virology Laboratory on the former Central Yard site at Logan and Tecumseh. Arising out of undertakings associated with this Agreement to relocate certain civic facilities, the New Directions initiative, and the more recent Public Works Department reorganization, it is proposed to defer additional budget appropriations for these Projects in order to provide the Standing Policy Committee on Public Works sufficient time for review.

Essential/fundamental to productivity gain: improved operations for occupants

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Major Building Heating/Ventilating/Air Conditioning (HVAC) Upgrades**

Centre No.: 64yy2507xx
Program: Physical Asset Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C - 55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	500	500	500
Financed by:									
General Reserve							500	500	500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	500	-	500
Financed by:								
General Reserve						500		500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Heating/Ventilating/Air Conditioning (HVAC) Systems in many of the buildings in the Civic Accommodations portfolio are believed to be nearing the end of their useful life or are not operating to todays regulatory requirements for indoor air quality. Upgrading of the HVAC Systems is also expected to result in significant energy savings. The project will include a study to establish budgets for future HVAC upgrades. The project also includes upgrades for the most serious deficiencies identified in the study.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Building Envelope, Evaluation and Emergency Repair**

Centre No.:	63yy1007xx	Capital Priority Rating:	3 - 3
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C - 55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	500	500	500
Financed by:									
General Reserve							500	500	500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	500	-	500
Financed by:								
General Reserve						500		500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Building Envelope problems have been identified in a number of city owned buildings. The problems result in excessive energy costs and potential public safety hazards. There is a requirement to establish the condition of the building envelopes for all buildings within the Civic Accommodations portfolio. The project will include a study to establish budgets for future building envelope retrofits. The project also includes repairs for the most serious problems identified in the study.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **510 Main Courtyard Redevelopment**

Centre No.:	64yy2507xx	Capital Priority Rating:	3 - 3+2
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C - 55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	760	-	1,092	-	-	-	-	1,092	1,092
Financed by:									
General Reserve			1,092					1,092	1,092

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	1,092	-	-	-	-	-	1,092
Financed by:								
General Reserve		1,092						1,092

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		90	98
SURPLUS/(DEFICIT)	-	(90)	(98)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Council approved $360,000 for the Courtyard redevelopment in 1998 and $ 400,000 in 1999 to address minor structural problems, poor drainage, increasing operation and maintenance costs, and aesthetic issues. Upon further review by a Consultant through testing, it was determined that the existing funding is not enough to rectify the problems with the Courtyard. The concrete slab testing and live load investigations revealed that all of the concrete panels in the courtyard are at risk.

Project Name: **Expand Archibus Program to Integrate with Maximo System**

Centre No.: 64yy0707xx
Program: Information Stewardship

Capital Priority Rating: 3 - 3+1
Plan Winnipeg Indicator: Economic Direction
Ensure Quality Administration (2A - 08)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	100	100	-	-	-	200	200
Financed by:									
General Reserve			100	100				200	200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	100	100	-	-	-	-	200
Financed by:								
General Reserve		100	100					200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	18
SURPLUS/(DEFICIT)	-	(8)	(18)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Civic Accommodations needs to enhance and integrate the existing Archibus system. The project will examine the linkages with the Maximo system, under the responsibility of the Public Works Department, to reduce duplication of data entry and provide a mechanism for sharing information between departments. The integration of the Archibus system with the Amanda software for workflow and process management will be examined. The use of the Amanda software for project tracking and facilities management will be implemented.

Project Name: **Public Safety Building - Exterior Cladding**

Centre No.:	63yy1007xx	Capital Priority Rating:	3 - 3
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	550	3,000	1,500	1,000	-	6,050	6,050
Financed by:									
General Reserve			550	3,000	1,500	1,000		6,050	6,050

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	550	3,000	1,500	1,000	-	-	6,050
Financed by:								
General Reserve		550	3,000	1,500	1,000			6,050

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		45	304
SURPLUS/(DEFICIT)	-	(45)	(304)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Existing limestone cladding is deteriorating to the extent that a major structural repair is required.

Essential: Structural repairs.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Concourse Upgrading**

Centre No.: 6301100701
Program: Physical Asset Stewardship
Capital Priority Rating: 3 - 2+2
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		300	-	-	-	-	-	-	300
Financed by:									
General Reserve		300						-	300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	300	-	-	-	-	-	-	300
Financed by:								
General Reserve	300							300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	(2)	(2)	(2)
Debt and finance charges increase	25	25	27
SURPLUS/(DEFICIT)	(23)	(23)	(25)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Concourse, constructed in 1979, requires refurbishing and repair of seepage problems. The intent is to update this pedestrian corridor to match the modernization already completed at the four corners by the Banks

Standard: Highly visible infrastructure.

Reduction of Capital Budget from $750,000 to $300,000 will require a project scope reduction, with the focus on the building deficiencies rather than aesthetic enhancements.

Project Name: **Computer Automation**

Centre No.: 64yy0807xx
Program: Information Stewardship

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Declaration of Commitments
Foster Excellence (1D-02)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	357	-	-	-	-	200	-	200	200
Financed by:									
General Reserve						200		200	200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	200	-	-	200
Financed by:								
General Reserve					200			200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To provide for the completion of an Office Automation program started in the 1994 Capital program. The emphasis has been on general office automation and network installation, workflow and re-engineering technologies, electronic file and records management and image based systems. Successes to date have concentrated on distribution of vital information through Local and Wide Area Networks and Image and Workflow system installation. New solutions will flow from the adoption of these technologies and will allow the department to provide convenient efficient and cost effective service.

A general program of system renewal is contemplated for the 2005 Capital Program budget. This program would be the start of an overhaul of the technology, systems, programs, and processes implemented in the early 1990's. This is seen as reasonable and prudent to ensure the continued longevity of the City's investment in Office Automation.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Cooling Plant Refurbishing**

Centre No.:	64yy2507xx	Capital Priority Rating:	3 - 4+2
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	300	850	-	-	-	1,150	1,150
Financed by:									
General Reserve			300	850				1,150	1,150

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	300	850	-	-	-	-	1,150
Financed by:								
General Reserve		300	850					1,150

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)		(5)	(5)
Debt and finance charges increase		25	99
SURPLUS/(DEFICIT)	-	(20)	(94)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On-going requirement for the refurbishing of existing cooling plants to meet regulations for the elimination of ozone depleting substances. Legislation requiring the elimination of hazardous materials (CFC refrigerant) came into effect in 2000. The bulk of the work will be done at 510 Main, 151 Princess, and 251 Donald.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Energy Conservation**

Centre No.:	64yy2507xx	Capital Priority Rating:	3 -4
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Energy Conservation Encourage Energy Efficient Design (3G-02)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	-	225	200	200	625	625
Financed by:									
General Reserve					225	200	200	625	625

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	225	200	200	-	625
Financed by:								
General Reserve				225	200	200		625

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is part of continuing initiative to reduce energy consumption. The primary focus is on the replacement of existing inefficient lighting systems in office buildings.

Essential: optimizes operational savings.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Tenant Improvement Prepayment, Major Department**

Centre No.:	64yy2507xx	Capital Priority Rating:	3 - 4
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Heritage Assets Pursue Civic Use of Heritage Buildings (6C-09)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	925	-	-	-	-	600	500	1,100	1,100
Financed by:									
General Reserve						600	500	1,100	1,100

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	600	500	-	1,100
Financed by:								
General Reserve					600	500		1,100

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds set aside for replacement of depreciated tenant improvements.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Historic Building Stabilization**

Centre No.:	6401250702	Capital Priority Rating:	3 - 2
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Downtown - Consolidate Civic Functions (5B-04)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	300	-	500	-	500	-	1,000	1,300
Financed by:									
General Reserve		300		500		500		1,000	1,300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	800	-	500	-	-	1,300
Financed by:								
General Reserve			800		500			1,300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	(2)	(2)	(2)
Debt and finance charges increase			68
SURPLUS/(DEFICIT)	2	2	(66)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The substantial inventory of unoccupied historic buildings not slated for disposal, are steadily deteriorating. This account will provide for structural planning and remediation of further deterioration.

Essential: Structural repairs.

No amounts have been included for "previous budgets" because of this project's recurring nature.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Streetscaping**

Centre No.:	66yy0207xx	Capital Priority Rating:	1 - 3
Program:	Image	Plan Winnipeg Indicator:	Character Enhancement Support Character Areas Downtown (6A-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	-	-	-	242	242	242
Financed by:									
General Reserve							242	242	242

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	242	-	242
Financed by:								
General Reserve						242		242

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	5	5	5
Debt and finance charges increase			
SURPLUS/(DEFICIT)	(5)	(5)	(5)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replacement of selected streets and sidewalks within the Exchange District including the provision of ornamental paving stones on a lean-mix concrete base, decorative lighting, tree grates and guards, fences and benches Excludes cost of work normally assumed by the Public Works Department.

Note: The streetscaping work that will be undertaken based on this authorization, will, in all likelihood generate additional annual maintenance costs for cleaning and snow removal. As insufficient data is available respecting the detailed design of specific projects, it is not possible to estimate the magnitude of these costs at the time of capital authorization The Public Works Department is responsible for maintenance.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Riverbank Stabilization for City-Owned Riverbanks**

Centre No.: 6601040701
Program: Environment

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Waterways Initiatives
Protect Riverbank Aesthetics (3E-05)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	200	200	200	200	200	-	800	1,000
Financed by:									
General Reserve		200	200	200	200	200		800	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	200	200	200	200	200	-	-	1,000
Financed by:								
General Reserve	200	200	200	200	200			1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	17	34	54
SURPLUS/(DEFICIT)	(17)	(34)	(54)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In concert with the establishment of a Riverbank Stabilization Program for City-owned Riverbanks, the initial phase of the program in 1998 provided funds for the implementation of a detailed geotechnical inventory study to characterize, assess, and monitor riverbank stability of all City-owned lands. This will serve as a comprehensive database for purposes of establishing priorities and cost estimates for riverbank stabilization.

Subsequent phases of this program include the implementation of riverbank stabilization works on a priority basis. Stabilization of selective reaches of City-owned river and creek banks (64 miles) will provide protection of public amenities such as parks and trees and valuable public works such as roads, buried services, primary dikes, facilities and structures. This is an ongoing program in which the overall implementation cost is estimated at $85 to $100 million.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Land Acquisition - Riverbank**

Centre No.:	54yy3507xx	Capital Priority Rating:	1 - 2+2
Program:	Environment	Plan Winnipeg Indicator:	Waterways Initiatives Protect Riverbank Aesthetics (3E-05)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	150	-	300	-	450	450
Financed by:									
General Reserve				150		300		450	450

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	150	-	300	-	-	450
Financed by:								
General Reserve			150		300			450

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			13
SURPLUS/(DEFICIT)	-	-	(13)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This program is required to accommodate Riverbank access/pathway systems in six key areas:

North Winnipeg
Churchill Drive
Kildonan
St. Boniface
Fort Rouge
Assiniboine

No amounts have been included for "previous budgets" because of this project's recurring nature.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Riverbank Greenway Program (Formerly Path)**

Centre No.:	66yy0407xx	Capital Priority Rating:	1 - 2
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Waterways Initiatives Protect Riverbank Aesthetics (3E-05)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	909	-	104	358	-	350	-	812	812
Financed by:									
General Reserve			104	358		350		812	812

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	104	358	-	350	-	-	812
Financed by:								
General Reserve		104	358		350			812

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		9	40
SURPLUS/(DEFICIT)	-	(9)	(40)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Development of the City's Red and Assiniboine riverbanks for the purpose of providing a foundation for the establishment of landscaped bicycle/pedestrian pathways along the river corridors. The annual additional funding to the riverbank greenway/pathway account will provide funds for implementation according to the prioritized river segments adopted by Council as opportunities present themselves and as needs dictate

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Land Acquisition For General Unspecified Purposes**

Centre No.:	6401010701	Capital Priority Rating:	3 - 2+2
Program:	Planned Development	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain Existing Infrastructure (5C - 01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	250	300	300	210	300	-	1,110	1,360
Financed by:									
General Reserve		250	300	300	210	300		1,110	1,360

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	250	300	300	210	300	-	-	1,360
Financed by:								
General Reserve	250	300	300	210	300			1,360

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	21	46	76
SURPLUS/(DEFICIT)	(21)	(46)	(76)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

General Provision for the annual acquisition of land for purposes other than regional streets and riverbank property. This provides for the acquisition of properties which are unforeseen at this time.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Cemeteries - Improvements**

Centre No.: xxyyxxxxxx
Program: Health

Capital Priority Rating: 1 - 3
Plan Winnipeg Indicator: Community Services and Facilities
Provide Wide Range of Services and Facilities
(4C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	-	-	166	501	-	200	867	867
Financed by:									
General Reserve				166	501		200	867	867

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	166	501	-	200	-	867
Financed by:								
General Reserve			166	501		200		867

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			2
Debt and finance charges increase			14
SURPLUS/(DEFICIT)	-	-	(16)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Miscellaneous improvements to Brookside, St. Vital, and Transcona Cemeteries including roadway, resurfacing, drainage improvements, tree planting, etc.

Allocated as follows:

	2001	2002	2003	2004	2005	2006	Total
Brookside Cemetery			166	301			467
St. Vital Cemetery				200			200
Transcona Cemetery						200	200
	-	-	166	501	-	200	867

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Implementation and Expansion of BUILD**

Centre No.:	6401080702	Capital Priority Rating:	3 - 3+1
Program:	Information Stewardship	Plan Winnipeg Indicator:	Economic Direction Ensure Quality Administration (2A - 08)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		200	125	100	-	-	-	225	425
Financed by:									
General Reserve		200	125	100				225	425

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	200	125	100	-	-	-	-	425
Financed by:								
General Reserve	200	125	100					425

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	17	27	38
SURPLUS/(DEFICIT)	(17)	(27)	(38)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project is the development and implementation of Land Development Application Tracking and Planning Project Tracking System. The system would automate the workflows associated with the approval of development applications and planning projects such as neighbourhood improvements. The project includes the integration of GIS, desktop software (e.g. Microsoft Word), interactive voice response and remote inspections. The ability to monitor workflow, eliminate duplicate data entry, provide online processing and sharing of information are some of the benefits of this system. The project will also utilize the Internet for capturing and sharing information with the department's clients and the general public. The automation of Land Development Applications will have an impact on virtually every department in the City of Winnipeg.

This project will also include the delivery of Mapping Services over the Internet.

The creation of a Map Store on the Internet would allow for the realization of additional revenues on the Internet and better customer service. The project would also allow for the use of mapping in the Internet to support internal and external decision-making by utilizing maps as a form of presentation. This would be accomplished through web enabled thematic mapping, property marketing of civic owned lands and analysis of property related data using administrative boundaries such as planning neighborhoods. The project would integrate data from the Amanda System with other property related data available for reporting purposes.

Project Name: **Document Imaging and Management with BUILD**

Centre No.:	64yy0807xx	Capital Priority Rating:	2 - 3
Program:	Information Stewardship	Plan Winnipeg Indicator:	Economic Direction Ensure Quality Administration (2A - 08)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	200	-	-	-	-	200	200
Financed by:									
General Reserve			200					200	200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	200	-	-	-	-	-	200
Financed by:								
General Reserve		200						200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		17	18
SURPLUS/(DEFICIT)	-	(17)	(18)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project is to integrate the functionality of FileNet Suite of products for Imaging and Document Management with the Amanda Software used for automation of workflow of the department's operational services. The system would allow for the electronic storage and retrieval of property related documents such as building plans, survey documents, letters, permits and external documents. The system would allow for the electronic submission of building and development plans as well as eliminate the need for microfilming documents. The system should also show savings in storage and retrieval of property related documents.

PLANNING, PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **MWCRP - West End**

Centre No.:	6001170701	Capital Priority Rating:	2 - 4
Program:	The Downtown & Neighbourhoods	Plan Winnipeg Indicator:	Local Area Planning Support Existing Neighbourhoods (5A-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	2,250	750	750	250	-	-	-	1,000	1,750
Financed by:									
General Reserve		750	750	250				1,000	1,750

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	750	750	250	-	-	-	-	1,750
Financed by:								
General Reserve	750	750	250					1,750

NET OPERATING IMPACT	2001		2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	62	124	155
SURPLUS/(DEFICIT)	(62)	(124)	(155)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a program of Community Revitalization for the West End Community.

The Manitoba/Winnipeg Community Revitalization Program (M/WCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

Project Name: **MWCRP - St. Boniface**

Centre No.:	6001180701	Capital Priority Rating:	2 - 4
Program:	The Downtown & Neighbourhoods	Plan Winnipeg Indicator:	Local Area Planning Support Existing Neighbourhoods (5A-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	750	1,300	950	-	-	-	-	950	2,250
Financed by:									
General Reserve		1,300	950					950	2,250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	1,300	950	-	-	-	-	-	2,250
Financed by:								
General Reserve	1,300	950						2,250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	107	185	201
SURPLUS/(DEFICIT)	(107)	(185)	(201)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a program of Community Revitalization for the St. Boniface Community.

The Manitoba/Winnipeg Community Revitalization Program (M/WCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

Project Name: **MWCRP - Wolseley**

Centre No.:	60yy1807xx	Capital Priority Rating:	2 - 4
Program:	The Downtown & Neighbourhoods	Plan Winnipeg Indicator:	Local Area Planning Support Existing Neighbourhoods (5A-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	1,000	1,000	1,000	-	-	3,000	3,000
Financed by:									
General Reserve			1,000	1,000	1,000			3,000	3,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	1,000	2,000	-	-	-	3,000
Financed by:								
General Reserve			1,000	2,000				3,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			85
SURPLUS/(DEFICIT)	-	-	(85)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a program of Community Revitalization for the Wolseley Community.

The Manitoba/Winnipeg Community Revitalization Program (M/WCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

Project Name: **MWCRP - Burrows Central**

Centre No.: 60yy1907xx
Program: The Downtown & Neighbourhoods

Capital Priority Rating: 2 - 4
Plan Winnipeg Indicator: Local Area Planning
Support Existing Neighbourhoods (5A-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	900	1,000	1,000	100	3,000	3,000
Financed by:									
General Reserve				900	1,000	1,000	100	3,000	3,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	1,900	1,000	100	-	3,000
Financed by:								
General Reserve				1,900	1,000	100		3,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a program of Community Revitalization for the Burrows Community.

The Manitoba/Winnipeg Community Revitalization Program (M/WCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

Project Name: **MWCRP - Luxton**

Centre No.: 60yy1907xx
Program: The Downtown & Neighbourhoods

Capital Priority Rating: 2 - 4
Plan Winnipeg Indicator: Local Area Planning
Support Existing Neighbourhoods (5A-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	1,000	900	1,100	3,000	3,000
Financed by:									
General Reserve					1,000	900	1,100	3,000	3,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	1,000	900	1,100	-	3,000
Financed by:								
General Reserve				1,000	900	1,100		3,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a program of Community Revitalization for the Luxton Community

The Manitoba/Winnipeg Community Revitalization Program (M/WCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

Project Name: **MWCRP - Neighbourhood to be named**

Centre No.:	60yy1207xx	Capital Priority Rating:	2 - 4
Program:	The Downtown & Neighbourhoods	Plan Winnipeg Indicator:	Local Area Planning Support Existing Neighbourhoods (5A-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	500	-	500	500
Financed by:									
General Reserve						500		500	500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	500	-	-	500
Financed by:								
General Reserve					500			500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a program of Community Revitalization for a neighbourhood yet to be named.

The Manitoba/Winnipeg Community Revitalization Program (M/WCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

Project Name: **Winnipeg Development Agreement**

Centre No.: 6501030799
Program: The Downtown & Neighbourhoods

Capital Priority Rating: 2 - 2
Plan Winnipeg Indicator: Local Area Planning Redevelopment Programs (5A-06)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	22,442	2,558	-	-	-	-	-	-	2,558
Financed by:									
General Reserve		2,558						-	2,558

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	2,558	-	-	-	-	-	-	2,558
Financed by:								
General Reserve	2,558							2,558

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	211	211	229
SURPLUS/(DEFICIT)	(211)	(211)	(229)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Winnipeg Development Agreement is an intergovernmental agreement among the Federal, Provincial and City governments. Each of the three levels has allocated $25 million from 1995 to 2001 (total $75 M) to increase economic development and employment opportunities in the City.

Project Name: **Parks Development - Developer Payback**

Centre No.:	54yy7008xx	Capital Priority Rating:	1 - 4
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Regional Services and Facilities Establish New Neighbourhood Parks (5C-43)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	587	-	200	-	-	-	-	200	200
Financed by:									
General Reserve			200					200	200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	200	-	-	-	-	200
Financed by:								
General Reserve			200					200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			17
SURPLUS/(DEFICIT)	-	-	(17)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Developer reimbursement due when contiguous residential lots reach 80% occupancy.

CORPORATE FINANCE - GENERAL CAPITAL FUND

Project Name: **Financial Management System (FMS)**

Centre No :	6401080703	Capital Priority Rating:	1 - 4
Program:	Financial Stewardship	Plan Winnipeg Indicator:	Declaration of Commitment Manage Financial Resources Effectively (1D-03)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	9,450	1,416	3,645	2,500	1,500	2,500	2,500	12,645	14,061
Financed by:									
General Reserve		1,416	3,645	2,500	1,500	2,500	2,500	12,645	14,061

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	5,061	2,500	1,500	2,500	2,500	-	14,061
Financed by:								
General Reserve	-	5,061	2,500	1,500	2,500	2,500		14,061

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		760	1,141
SURPLUS/(DEFICIT)	-	(760)	(1,141)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

FMS is a multiphase project that utilizes new technology, supports the Controllership function, decentralizes various components of the procurement cycle, provides decentralized management reports, and includes the development/implementation of appropriate computer hardware/software, financial policies/procedures/methods and associated training. The project is currently being considered for an expansion of its scope to become an Enterprise Resource Planning System (ERP) which is a fully integrated suite of products and includes applications such as financial accounting, budget preparation, reporting and analysis, human resources/payroll, and materials management. An ERP will also have a significant impact on our current systems, processes and procedures as these solutions often require us to change the way we do business in order to utilize the best of breed practices included in this system.

It is anticipated the above expenditures will cover such items as software, hardware, consulting, contractors, staffing/backfilling and training. Although preliminary costs and potential benefits have been identified, it is not possible at this time to estimate the full operating impact. The costs associated with the acquisition and ongoing maintenance and support (estimated at 18-20% of software costs) are all dependent on the strategic direction chosen and vendor selected. Once these decisions have been made more detailed costing information can be presented.
The debt and finance charges reflect a 10 year amortization period using interest rates of 8.25% in 2002 and 8.50% in 2003.

CITY CLERK'S - GENERAL CAPITAL FUND

Project Name: **Office Automation**

Centre No.: 6401080704
Program: Government

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Community Services and Facilities Provide Wide Range of Services and Facilities (4C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	100	-	-	100	200	200	500	600
Financed by:									
General Reserve		100			100	200	200	500	600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	100	-	-	100	200	200	-	600
Financed by:								
General Reserve	100			100	200	200		600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The replacement of existing equipment used to deliver all public services performed by the Department. This includes upgrades and enhancements to the software and hardware used by the City Clerk's Department, Mayor's Office, and Council.

CITY CLERK'S - GENERAL CAPITAL FUND

Project Name: **Electronic Records Management**

Centre No.:	6401080705	Capital Priority Rating:	3 - 4
Program:	Government	Plan Winnipeg Indicator:	Community Services and Facilities Provide Wide Range of Services and Facilities (4C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	350	200	110	-	-	-	310	660
Financed by:									
General Reserve		350	200	110				310	660

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	350	200	110	-	-	-	-	660
Financed by:								
General Reserve	350	200	110					660

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To date, very limited information technology has been utilized with regard to Archiving and Records Management of City documents stored at the Archives. This project will address Imaging and Electronic Records Management. Large volumes of data need to be scanned and indexed in the Archives area to facilitate the growing research and business needs of the City of Winnipeg.

CITY CLERK'S - GENERAL CAPITAL FUND

Project Name: **Election Systems**

Centre No.: 6401080706
Program: Government

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Community Services and Facilities Provide Wide Range of Services and Facilities (4C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	150	100	-	-	-	-	100	250
Financed by:									
General Reserve		150	100					100	250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	150	100	-	-	-	-	-	250
Financed by:								
General Reserve	150	100						250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In accordance with the Department's statutory responsibility to compile a List of Electors and convene elections, corporate mainframe technology has been utilized. However, with recent Corporate mainframe changes, this option is no longer available. A new system must be developed to replace the removed mainframe application. To accommodate the 2002 Civic Election, work must commence in the beginning of 2001. A new system will require partnerships to be developed with the Assessment and Finance Departments to allow for sharing of information. A Geographical Informational System would provide a useful linkage to the electoral maps

Project Name: Communications Network Infrastructure

Centre No :	6701010701	Capital Priority Rating:	2-4
Program:	Information Stewardship	Plan Winnipeg Indicator:	Ensure Cross-Functional Cooperation (7C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	6,297	316	698	602	723	611	610	3,244	3,560
Financed by									
General Reserve		316	698	602	723	611	610	3,244	3,560

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	250	466	600	700	934	610	-	3,560
Financed by								
General Reserve	250	466	600	700	934	610		3,560

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	61	175	321
SURPLUS/(DEFICIT)	(61)	(175)	(321)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This entails the implementation and enhancement of the backbone network infrastructure which connects the decentralized computers in Civic Departments. This is a high speed infrastructure to enable the sharing and distribution of corporate information across departments with more management, control, flexibility and ease of use at the department level. Information could be processed and stored on lower cost computers in or for departments and made accessible city-wide through the network infrastructure. The infrastructure would extend the availability of applications such as E-mail and Internet to all departments. This project was formerly called "Computer Upgrade Purchases - Communications Infrastructure and CPU Replacement".

Project Name: **Network Computing Initiatives**

Centre No.:	6701010702	Capital Priority Rating:	2-4
Program:	Information Stewardship	Plan Winnipeg Indicator:	Declaration of Commitment Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,747	166	151	251	251	199	204	1,056	1,222
Financed by:									
General Reserve		166	151	251	251	199	204	1,056	1,222

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	166	402	450	204	-	1,222
Financed by:								
General Reserve			166	402	450	204		1,222

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			40
SURPLUS/(DEFICIT)	-	-	(40)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Emerging Client/Server, Internet/Intranet Servers and other similar network based computing technologies are required to implement both corporate and departmental initiatives in support of shared quality customer information services. Funding to establish and maintain adequate computing and storage capacity in a secured operational infrastructure will allow for continued delivery and support of information systems. Examples of shared computing initiatives include City Office, networked E-mail and the shared departmental Call Centre. This project was formerly called "Computer Upgrade Purchases - Downsizing/Reorganization Initiatives".

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: **Land Based Information System**

Centre No.: 6701020701
Program: Information Stewardship

Capital Priority Rating: 3-3
Plan Winnipeg Indicator: Ensure Cross-Functional Cooperation (7C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	17,179	350	-	-	-	-	-	-	350
Financed by:									
General Reserve		350						-	350

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	251	99	-	-	-	-	-	350
Financed by:								
General Reserve	251	99						350

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	61	85	85
SURPLUS/(DEFICIT)	(61)	(85)	(85)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Estimated costs to implement a Land Based Information System. These costs are based on a detailed user needs study and include: database conversion, hardware and software purchase and replacement, consulting, training and outside application development services. When completed, the LBIS will provide departments with a set of tools to better access, manipulate, share and display geographical-referenced information. This system will eliminate the need for manually produced paper maps and link the maps to electronic databases (such as assessment, customers, pavement conditions). This information and analysis capability can assist the City in evaluating the impacts of new developments and managing its infrastructure. See also related projects in Waterworks System and Sewage Disposal System budgets.

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: **E-Government**

Centre No.: 67yy0207xx
Program: Information Stewardship

Capital Priority Rating: 3-3
Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	2,000	2,583	1,680	1,682	8,445	8,445
Financed by:									
General Reserve			500	2,000	2,583	1,680	1,682	8,445	8,445

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	500	2,000	2,583	1,680	1,682	-	8,445
Financed by:								
General Reserve		500	2,000	2,583	1,680	1,682		8,445

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		122	610
SURPLUS/(DEFICIT)	-	(122)	(610)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

E-Government includes all aspects of electronic government. This capital fund supports projects which use information technology to support the provision of government services. This covers a broad spectrum of initiatives which translate into productivity gains and reduced costs and typically fall into two main categories:

1. Providing better service to citizens (i.e. 24 X 7, self-service options)
2. Providing services more efficiently and effectively.

Internet technology is becoming an important vehicle for the City to use in providing information and services to its citizens. This capital budget will primarily be used to provide an enterprise framework for supporting and coordinating Internet/Intranet/Extranet technology. Commmon interface applications developed using web based technology will enable the City to provide a "single window to government " by linking the various forms of service delivery. In addition, the web applications will also be used to facilitate access to information by City staff and Councillors.

This budget will be used to support corporate initiatives where all departments will benefit from a corporate investment in information systems. The distribution of funds for various projects will vary from year to year depending upon the priority of the project. It is anticipated that initial projects will be the development of shared applications for the City's Internet and Intranet to support the recommendations of the Internet/Intranet Study. The budget will also be used to acquire other supporting technology, such as the expansion of the data warehouse and the acquisition of reporting tools, the purchase of a core environment for imaging, document management, and workflow software.

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: **Standardization of Software Products at the Desktop**

Centre No.: 6701020702
Program: Information Stewardship

Capital Priority Rating: 3-3
Plan Winnipeg Indicator: Ensure Cross-Functional Cooperation (7C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,916	250	-	-	-	-	-	-	250
Financed by:									
General Reserve		250						-	250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by:								
General Reserve	250							250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	61	61	61
SURPLUS/(DEFICIT)	(61)	(61)	(61)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This initiative involves setting the appropriate standards for Software Products at the Desktop (PC's) which includes operating systems, word processing, spreadsheets, graphical presentations and electronic mail software It also involves the acquisition, installation, conversion and training required to implement those products on ALL desktops (PC's) city-wide

One benefit is a lower cost to the City for desktop products. The lower cost is based on a corporate purchase, maintenance and potentially support of only one product. Other benefits include higher productivity due to better interconnectivity between desktop products, easier exchange of information both internally and externally, and mobility of trained staff within the organization. In addition, this acquisition will enable the organization to implement new corporate software (such as a client/server based Financial Management System).

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: **Enterprise Resource Planning System**

Centre No.: 6701030701
Program: Information Stewardship

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,261	2,236	-	500	-	-	-	500	2,736
Financed by:									
General Reserve		2,236		500				500	2,736

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	2,236	-	500	-	-	-	-	2,736
Financed by:								
General Reserve	2,236		500					2,736

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	545	545	667
SURPLUS/(DEFICIT)	(545)	(545)	(667)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Enterprise Resource Planning System (ERP) is the new name for the integrated system that replaces the Financial Management System (FMS) and the Human Resource Information System (HRIS). Please see Financial Management System project description. This capital budget is Corporate Service's contribution to this Enterprise Resource Planning System (ERP) initiative. This initiative replaces the previous Corporate Service's capital budget that was set up for the Human Resource Information System (HRIS). The Human Resources component of an ERP system is completely integrated with all other components of the system such as Work Management, General Ledger, Accounts Payable, Budgetary Control, Inventory, etc. Today's ERP systems are the "One Stop Shop" for organizations' core business systems needs.

PROPERTY ASSESSMENT - GENERAL CAPITAL FUND

Project Name: **Assessment Automation**

Centre No.: 64yy2307xx
Program: Government

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Financial Management
Endorse a Balanced Revenue Structure
(2B-04)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	10,723	-	-	500	500	-	1,000	2,000	2,000
Financed by:									
General Reserve				500	500		1,000	2,000	2,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	500	500	-	-	1,000	2,000
Financed by:								
General Reserve			500	500			1,000	2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project provides for the implementation of dynamic linkages between CAMA and GIS, so that access to assessment data can be provided to other corporate GIS platforms. As part of the business planning project the department has identified the need to automate the records management system associated with the property centric CAMA system.

NON-DEPARTMENTAL - GENERAL CAPITAL FUND

Project Name: **Convention Centre Cladding**

Centre No.: 6401250703
Program: Government

Capital Priority Rating: 2 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,600	600	3,400	-	-	-	-	3,400	4,000
Financed by:									
General Reserve		300	1,700					1,700	2,000
Provincial Funding (VLT)		300	1,700					1,700	2,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		600	3,400	-	-	-	-	-	4,000
Financed by:									
General Reserve		300	1,700						2,000
Provincial Funding (VLT)		300	1,700						2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	104	225
SURPLUS/(DEFICIT)	(12)	(104)	(225)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Convention Centre tyndall stone cladding project provides for an exterior air barrier retrofitting, and inspection and repair of the existing stones. A new estimate of $6.6 million has been obtained taking into account the rapid deterioration of existing stones and alternative upgrades. The above budget would provide for a composite wall panel upgrade which is proposed due to technical performance, maintenance, construction and aesthetic considerations. Other options range from $4.08 to $5.28 million

NON-DEPARTMENTAL - GENERAL CAPITAL FUND

Project Name: **Special Projects - Special Innovative Capital**

Centre No.: 6401250704
Program: Government

Capital Priority Rating: 1 - 1
Plan Winnipeg Indicator: Declaration of Commitment
Foster Excellence (1D-02)

			FORECAST						
AUTHORIZATION	**Prev. Budgets**	**2001 Adopted**	**2002**	**2003**	**2004**	**2005**	**2006**	**Five-Year Forecast Total**	**Six-Year Total**
Project Costs ($000's)	1,050	2	-	-	-	2,674	2,054	4,728	4,730
Financed by:									
General Reserve		2				2,674	2,054	4,728	4,730

CASH FLOW		**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**Beyond 2006**	**Six-Year Total**
Project Costs ($000's)		2	-	-	-	2,674	2,054	-	4,730
Financed by:									
General Reserve		2				2,674	2,054		4,730

NET OPERATING IMPACT	**2001**	**2002**	**2003**
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding for capital efficiency projects. Projects are issued on an individual basis.

Project Name: Bus Radio System Replacement with AVL Enhancement

Centre No.: 53yy010701
Program: Transportation

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C -01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	1,704	1,667	2,589	-	-	5,960	5,960
Financed by:									
General Reserve	100		1,704	1,667	2,589			5,960	5,960

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	1,000	2,000	2,000	960	-	-	5,960
Financed by:								
General Reserve		1,000	2,000	2,000	960			5,960

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	(50)	(100)	(150)
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		40	138
SURPLUS/(DEFICIT)	(50)	(140)	(288)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will replace the aging onboard radio system in 535 buses, as well as the base signalling units. The system will use trunked radio technology and automated vehicle location capability.

Previous budgets are being used to formally define the Department's technical requirements and provide recommendations for effective solutions

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Regular Transit Buses**

Centre No.:	53XX060701	Capital Priority Rating:	3 - 4
Program:	Transportation	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	N/A	10,711	10,711	11,378	11,378	11,710	12,044	57,221	67,932
Financed by:									
Transit Bus Replacement		5,409	5,409	5,745	5,745	5,913	6,082	28,894	34,303
Province of Manitoba - UCPA		5,302	5,302	5,633	5,633	5,797	5,962	28,327	33,629

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	21,422	-	22,756	11,710	12,044	-	67,932
Financed by:								
Transit Bus Replacement		10,818		11,490	5,913	6,082		34,303
Province of Manitoba - UCPA		10,604		11,266	5,797	5,962		33,629

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	(50)	(100)	100
Less:			
Operating expenditures increase/(decrease)	100	(200)	(100)
Debt and finance charges increase			
SURPLUS/(DEFICIT)	(150)	100	200

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will purchase new low-floor urban transit buses for the replacement of buses which have reached the end of their useful life. The project contemplates the acquisition of thirty buses per year in accordance with the department's regular replacement program. This program is based upon the useful life of a bus averaging 18 years, which is greater than the industry standard.

The cash flow for the five year forecast portion reflects current expectations A significant supplier of low-floor urban transit buses has a two and one-half year production backlog

No amounts have been included for "previous budgets" because of this project's recurring nature

Summary of UCPA Funding	2001	2002	2003	2004	2005	2006	Total
UCPA III	3,000	3,000					6,000
UCPA III unconditional	2,302	2,302					4,604
UCPA IV			3,000	3,000	3,000	3,000	12,000
UCPA IV unconditional			2,633	2,633	2,797	2,962	11,025
Total	5,302	5,302	5,633	5,633	5,797	5,962	33,629

Project Name: **Fare Collection System**

Centre No.: 53yy080701
Program: Transportation

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	-	-	-	2,000	4,000	6,000	6,000
Financed by:									
General Reserve						2,000	4,000	6,000	6,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	2,000	4,000	-	6,000
Financed by:								
General Reserve					2,000	4,000		6,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	(10)	(20)	(30)
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	(10)	(20)	(30)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing fare collection system is several decades old and limits flexibility in the type of fares that can be offered passengers. Previous budgets would be used to formally study the department's technical requirements and provide recommendation for effective solutions.

Pending the results of this study, the first operational phase of this project contemplates mechanizing the existing transfer dispensing system and acquiring replacement mechanical fareboxes.

Smart card and proximity card technology has practical application in the transit industry and will permit more extensive use of prepaid fares, accommodate more complex fare systems and provide more efficient processing and reporting of fares, and provide a better defense against potential counterfeiting of monthly and weekly passes. As this technology is still developing and the public is only beginning to accept this as a means of paying for goods and services, this part of the project has been delayed beyond 2006.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Innovative Transit Program**

Centre No.: 55yy0107xx
Program: Transportation

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Commit to Transit System Improvements
(5C-02)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	200	200	200	200	700	700	2,000	2,200
Financed by:									
General Reserve		200	200	200	200	700	700	2,000	2,200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	100	200	200	200	600	700	200	2,200
Financed by:								
General Reserve	100	200	200	200	600	700	200	2,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	26	47
SURPLUS/(DEFICIT)	(4)	(26)	(47)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Innovative Transit Program provides for various projects of an innovative nature which are not normally funded through current or other areas of the capital budget. Various projects such as transit terminals at shopping centres, large heated shelters, improved waiting amenities at major bus stops, park and ride lots, bus priority measures, handi-transit trip confirmation improvements, automated transit scheduling system and the Winnipeg Transit internet site provide an enduring benefit to the department and have been funded under this program.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Transit Buildings Replacement/Refurbishment**

Centre No.: 52yy010101
Program: Transportation

Capital Priority Rating: 3 - 1
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	100	-	-	100	100
Financed by:									
General Reserve					100			100	100

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	100	-	-	-	100
Financed by:								
General Reserve				100				100

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	20	40	60
Debt and finance charges increase			
SURPLUS/(DEFICIT)	(20)	(40)	(60)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Transit's operations are housed out of two primary facilities, the Fort Rouge complex and North Main garage. These facilities are approximately 30 and 50 years old respectively. The department continues to fund maintenance of the facilities through the operating budget. However, it is becoming clear that more significant funding will be needed shortly to prevent building failure. The budget for 2004 will be a first step for this project and would include an analysis of the most cost effective approach to solve the building problems. It is anticipated that the results of this review will result in this becoming a multi-year capital project.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Southwest Transit Corridor**

Centre No.: 5405010701
Program: Transportation

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Commit to Transit System Improvements
(5C-02)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	250	5,000	5,250	5,250
Financed by: General Reserve						250	5,000	5,250	5,250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	250	5,000	-	5,250
Financed by: General Reserve					250	5,000		5,250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	(500)	(500)	(500)
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	(500)	(500)	(500)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Southwest Transit Corridor would provide an exclusive corridor for transit vehicles between the downtown and the South Fort Garry/University of Manitoba area. This corridor will be built in stages, the first running from the Jubilee overpass to Stradbrook/Harkness. It will remove transit vehicles from congested Pembina Highway and provide transit users with a free flow route between downtown and the university. Transit travel times would be considerably shortened to levels comparable with automobile travel. Improving speed and reliability is a key to improving transit service.

The budget for 2005 will be a first step in this project and would include preparation costs necessary to undertake this project. The budget for 2006 are for costs to be incurred for environmental impact assessments, land acquisition and engineering.

HYDRO STREET LIGHTING - GENERAL CAPITAL FUND

Project Name: **Replace Wood Pole Lighting with Ornamental Lighting**

Centre No.: 28xxxx
Program: Safety

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Downtown Image
Establish Maintenance Standards
(6D-03)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	-	-	-	100	100	100	100	400	400
Financed by:									
General Reserve				100	100	100	100	400	400
								-	-
								-	-

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	100	100	100	100	-	400
Financed by:									
General Reserve				100	100	100	100		400
									-
									-

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	-	-	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			4
SURPLUS/(DEFICIT)	-	-	(4)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Year 2003
Academy - Cambridge to Stafford
St. Matthews - Empress to CPR ROW

Year 2004
Dufferin - Arlington to Powers

Year 2005
Logan - McPhillips to Arlington

HYDRO STREET LIGHTING - GENERAL CAPITAL FUND

Project Name: **Upgrading Lighting Plant on Bridges**

Centre No.:	28xxxx	Capital Priority Rating:	5 - 4
Program:	Safety	Plan Winnipeg Indicator:	Downtown Image Establish Maintenance Standards (6D-03)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	-	-	250	250	250	750	750
Financed by									
General Reserve					250	250	250	750	750
								-	-
								-	-

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	250	250	250	-	750
Financed by									
General Reserve					250	250	250		750
									-
									-

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)	-	-	-
Less:			
Operating expenditures increase/(decrease)	-	-	-
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Arlington Bridge - Replace crossarms and open wire with cable in conduit ($30,000 estimate).
Louise Bridge - Replace fluorescent lighting with high pressure sodium and conductor ($50,000 estimate).
Redwood Bridge - Replace fluorescent lighting with high pressure sodium and conductor ($55,000 estimate).
Disraeli Bridge and Approaches - Replace standards and fixtures

Project Name: **Generation - Pointe du Bois Tramway Building Replacement**

Centre No.:	52yy0111xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		100	650	-	-	-	-	650	750
Financed by:									
Debentures		100	650					650	750

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		100	350	300	-	-	-	-	750
Financed by:									
Debentures		100	350	300					750

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	24	59
SURPLUS/(DEFICIT)	(4)	(24)	(59)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replace tramway vehicle storage building and rearrange associated rail track to improve transport efficiency (the existing wood construction building dating from the early 1940's is deteriorating and requires replacement).

F3

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Generation - Pointe du Bois Replace Turbine/Generator Unit No. 3 and No. 4**

Centre No.:	52yy0111xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Sustainable Development Encourage Innovative Projects (3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		14,500	14,500	-	-	-	-	14,500	29,000
Financed by:									
Debentures		14,500	14,500					14,500	29,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		7,000	14,000	8,000	-	-	-	-	29,000
Financed by:									
Debentures		7,000	14,000	8,000					29,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	263	1,261	2,519
SURPLUS/(DEFICIT)	(263)	(1,261)	(2,519)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Purchase and install Straflo turbine/generator units to replace original equipment in service since 1911 (Units No. 3 and No. 4)

Project Name: **Generation - Pointe du Bois Replace Turbine/Generator Units 7 and 5 (Straflo Units 5 & 6)**

Centre No.: 52030111xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	14,500	-	-	14,500	29,000	29,000
Financed by:									
Debentures				14,500			14,500	29,000	29,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	6,500	8,000	-	6,500	8,000	29,000
Financed by:									
Debentures				6,500	8,000		6,500	8,000	29,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			252
SURPLUS/(DEFICIT)	-	-	(252)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Purchase and install Straflo turbine/generator units to replace existing Unit No. 7 in service since 1911, and Unit No. 5 (1914).

Project Name: **Generation - Pointe du Bois Rehabilitate Main Spillway Rollways/Piers and Replace Sluicegates/Hoisting Equipment**

Centre No.: 52yy0111xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,770	1,500	1,000	-	1,500	1,000	-	3,500	5,000
Financed by:									
Debentures		1,500	1,000		1,500	1,000		3,500	5,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		1,500	1,000	-	1,500	1,000	-	-	5,000
Financed by:									
Debentures		1,500	1,000		1,500	1,000			5,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	56	195	263
SURPLUS/(DEFICIT)	(56)	(195)	(263)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rehabilitate main spillway rollways and piers and replace sluicegates and hoisting equipment, as needed.

Project Name: **Generation - Pointe du Bois Replace Transformers No. 2 and No. 5, 69 kV, 138 kV switchgear and re-terminate Generators 5 to 10**

Centre No.: 52010111xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		2,500	-	-	-	-	-	-	2,500
Financed by:									
Debentures		2,500						-	2,500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		1,500	1,000	-	-	-	-	-	2,500
Financed by:									
Debentures		1,500	1,000						2,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	56	195	263
SURPLUS/(DEFICIT)	(56)	(195)	(263)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Phase II - Replace transformer No. 2 and No. 5 69 kV and 138 kV equipment, re-terminate generators 5, 6, 7, 8, 9 and 10 for upgrade of the powerhouse and conversion to 138 kV transmission. No. 2 Bank has been in service since 1926, and No. 5 Bank has been in service since 1911. The 69 kV switchgear has been in service since the 1960's and the switchyard 69 kV breakers associated with No. 2 and No. 5 Banks have been in service since the 1940's. Installation of this equipment is required to replace obsolete equipment, and will provide a new configuration necessary for the upgrade of generators to Straflo and rebuild of the Pointe du Bois transmission lines at 138 kV.

Project Name: **Generation - Pointe du Bois Powerhouse Life Extension Program**

Centre No.: 52yy0111xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,000	2,000	2,000	2,000	2,000	2,000	2,000	10,000	12,000
Financed by:									
Debentures		2,000	2,000	2,000	2,000	2,000	2,000	10,000	12,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		2,000	2,000	2,000	2,000	2,000	2,000	-	12,000
Financed by:									
Debentures		2,000	2,000	2,000	2,000	2,000	2,000		12,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	75	285	498
SURPLUS/(DEFICIT)	(75)	(285)	(498)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Powerhouse requires extensive concrete and superstructure repairs to ensure safe operation and extend its useful life. Multi-year, ongoing condition monitoring and stabilization program in addition to work done in conjunction with the Straflo Turbine Project.

Project Name: **Generation - Pointe du Bois Replace Transformers No. 3 and No. 6 and 69 kV/138 kV Equipment, Re-terminate Generators 11 to 14**

Centre No.: 52yy0111xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	2,000	1,250	-	3,250	3,250
Financed by:									
Debentures					2,000	1,250		3,250	3,250

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	2,000	1,250	-	-	3,250
Financed by:									
Debentures					2,000	1,250			3,250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Phase III - Replace transformers No. 3 and No. 6, 69 kV and 138 kV equipment, re-terminate generators 11,12,13 and 14 for upgrade of the powerhouse and conversion to 138 kV transmission. No. 3 Bank has been in service since 1920, and No 6 Bank has been in service since 1959 The 69 kV switchgear has been in service since the 1960's, and the 138 kV switchgear has been in service since the 1940's Installation of this equipment is required to replace obsolete equipment, and will provide a new configuration necessary for the upgrade of generators to Straflo and rebuild of the Pointe du Bois transmission line at 138 kV.

Project Name: **Pointe du Bois Control Room Upgrade**

Centre No.:	52yy0111xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	250	250	250	-	750	750
Financed by									
Debentures				250	250	250		750	750

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	250	250	250	-	-	750
Financed by									
Debentures				250	250	250			750

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			10
SURPLUS/(DEFICIT)	-	-	(10)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing control room houses electrical equipment that controls both Pointe du Bois and Slave Falls generating station. Much of this equipment is obsolete, and requires replacement as part of the upgrade to the Pointe du Bois generators, switching equipment and Slave Falls remote control system. A new control room is required to house the new equipment.

Project Name: **Pointe du Bois SCADA and Control Systems**

Centre No.:	52yy0111xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	250	250	250	250	1,000	1,000
Financed by:									
Debentures				250	250	250	250	1,000	1,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	250	250	250	250	-	1,000
Financed by:									
Debentures				250	250	250	250		1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			10
SURPLUS/(DEFICIT)	-	-	(10)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing generating station is operated manually. Installation of a SCADA system and replacement of obsolete electrical controls and information systems are required to operate the plant more efficiently, reliably and safely.

Project Name: **Generation - Slave Falls Replacement of Obsolete Powerhouse Equipment - Transformers, Governors, etc.**

Centre No : 52yy0211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,500	-	-	2,500	2,500	-	-	5,000	5,000
Financed by:									
Debentures				2,500	2,500			5,000	5,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	1,500	2,500	1,000	-	-	5,000
Financed by:									
Debentures				1,500	2,500	1,000			5,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			58
SURPLUS/(DEFICIT)	-	-	(58)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The in service dates for the existing generator transformers are:
Bank No. 1 - 1942, Bank No. 2 - 1937, Bank No. 3 - 1946 and Bank No. 4 - 1948.
This equipment is obsolete, inefficient and requires increased capacity to accommodate upgrades to the generators.

Project Name: **Generation - Slave Falls Rewind No. 2 Generator Stator and Rehabilitate Turbine**

Centre No.:	52030211xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Sustainable Development Encourage Innovative Projects (3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	2,400	-	-	-	2,400	2,400
Financed by:									
Debentures				2,400				2,400	2,400

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	2,400	-	-	-	-	2,400
Financed by:									
Debentures				2,400					2,400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			93
SURPLUS/(DEFICIT)	-	-	(93)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rewind No. 2 Generator Stator. Existing shellac-mica insulated winding in service since 1948 is at the end of its service life and must be replaced. Replace existing turbine runner in service since 1931 and rehabilitate auxiliary equipment and structure, as needed.

Project Name: **Generation - Slave Falls Repair of Creek Spillway Rollways and Piers**

Centre No.: 52yy0211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,400	3,000	1,000	-	-	-	-	1,000	4,000
Financed by:									
Debentures		3,000	1,000					1,000	4,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		1,500	2,500	-	-	-	-	-	4,000
Financed by:									
Debentures		1,500	2,500						4,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	56	252	421
SURPLUS/(DEFICIT)	(56)	(252)	(421)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rehabilitate deteriorated Slave Falls Creek Spillway Rollways and Piers.

Project Name: **Generation - Slave Falls Rehabilitate Main Unit Headgates and Roller Paths**

Centre No.: 52yy0211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,235	-	800	800	800	800	-	3,200	3,200
Financed by:									
Debentures			800	800	800	800		3,200	3,200

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	800	800	800	800	-	-	3,200
Financed by:									
Debentures			800	800	800	800			3,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		30	115
SURPLUS/(DEFICIT)	-	(30)	(115)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rehabilitate/replace deteriorated main unit headgates and roller paths.

Project Name: **Generation - Slave Falls Rehabilitate Sluicegates and Hoisting Equipment**

Centre No.: 52yy0211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	550	700	500	500	500	500	500	2,500	3,200
Financed by:									
Debentures		700	500	500	500	500	500	2,500	3,200

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		700	500	500	500	500	500	-	3,200
Financed by:									
Debentures		700	500	500	500	500	500		3,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	26	92	146
SURPLUS/(DEFICIT)	(26)	(92)	(146)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rehabilitate/replace, as needed, existing north spillway (7) sluicegates and hoisting equipment, in service since 1931.

Project Name: **Generation - Slave Falls Replace Obsolete Remote Supervisory Control with SCADA**

Centre No.: 52010211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	250	-	-	-	-	-	-	250
Financed by:									
Debentures		250						-	250

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		250	-	-	-	-	-	-	250
Financed by:									
Debentures		250							250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	26	26
SURPLUS/(DEFICIT)	(9)	(26)	(26)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replace obsolete remote supervisory control with modern SCADA system. The existing system has been in service since 1970. It is unreliable and undersized for the requirements at the Slave Falls generating station.

Project Name: **Generation - Slave Falls Rehabilitate Powerhouse Structure**

Centre No.:	52yy0211xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Sustainable Development Encourage Innovative Projects (3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	200	500	1,000	1,000	2,700	2,700
Financed by:									
Debentures				200	500	1,000	1,000	2,700	2,700

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	200	500	1,000	1,000	-	2,700
Financed by:									
Debentures				200	500	1,000	1,000		2,700

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			8
SURPLUS/(DEFICIT)	-	-	(8)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Turbine draftube concrete and tailrace piers are deteriorating and in need of repair.

Project Name: **Generation - Slave Falls Upgrade Control House Equipment**

Centre No.:	52050211xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Sustainable Development Encourage Innovative Projects (3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	500	-	500	500
Financed by:									
Debentures						500		500	500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	-	500	-	-	500
Financed by:									
Debentures						500			500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The electrical equipment housed in the existing control house to control the 138 kV switchyard is obsolete. Relays, control boards and wiring require upgrading.

Project Name: **Generation - Slave Falls Automate Local Service Generators**

Centre No.:	52010211xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Sustainable Development Encourage Innovative Projects (3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	405	500	-	-	-	-	-	-	500
Financed by:									
Debentures		500						-	500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		500	-	-	-	-	-	-	500
Financed by:									
Debentures		500							500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	19	53	53
SURPLUS/(DEFICIT)	(19)	(53)	(53)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing local service generators supply power to run equipment in the powerhouse. Automating the two generators so that they can also supply power to the electrical system increases the plant output by approximately 0.6 MW. The additional generation reduces the quantity of power that must be purchased from outside sources to supply customer load.

Project Name: **Generation - Slave Falls Design, Fabricate and Test Fully Homologous Turbine Runner**

Centre No.: 52020211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	1,200	-	-	-	-	1,200	1,200
Financed by:									
Debentures			1,200					1,200	1,200

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	200	1,000	-	-	-	-	1,200
Financed by:									
Debentures			200	1,000					1,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	60
SURPLUS/(DEFICIT)	-	(8)	(60)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Homologous turbine model testing is needed to ensure guaranteed output and efficiency of the replacement units.

Project Name: **Generation - Slave Falls Rehabilitate Main Unit Turbines**

Centre No.: 52yy0211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	1,700	1,700	1,700	5,100	5,100
Financed by:									
Debentures					1,700	1,700	1,700	5,100	5,100

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	1,700	1,700	1,700	-	5,100
Financed by:									
Debentures					1,700	1,700	1,700		5,100

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

	2002	2003	2004	2005	2006
Rehabilitate No. 1 Turbine (in service since 1931)			1700		
Rehabilitate No. 3 Turbine (in service since 1937)				1700	
Rehabilitate No. 4 Turbine (in service since 1938)					1700

Project Name: **Generation - Slave Falls Generation Enhancement Projects - Channel Improvements (Sturgeon Falls)**

Centre No.: 52yy0211xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		500	-	-	2,500	2,500	-	5,000	5,500
Financed by:									
Debentures		500			2,500	2,500		5,000	5,500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		500	-	-	2,000	3,000	-	-	5,500
Financed by:									
Debentures		500			2,000	3,000			5,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	19	53	53
SURPLUS/(DEFICIT)	(19)	(53)	(53)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To develop detailed design and cost estimates and to initiate environmental impact studies for Winnipeg River channel improvements at Sturgeon Falls to increase effective head at Slave Falls and hence, generator output.

Project Name: **Transmission Lines - Pointe du Bois Lines**

Centre No.: 55yy0111xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	4,500	5,400	6,300	6,300	6,000	6,000	9,000	33,600	39,000
Financed by:									
Debentures		5,400	6,300	6,300	6,000	6,000	9,000	33,600	39,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		5,400	6,300	6,300	6,000	6,000	9,000	-	39,000
Financed by:									
Debentures		5,400	6,300	6,300	6,000	6,000	9,000		39,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	203	804	1,475
SURPLUS/(DEFICIT)	(203)	(804)	(1,475)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrade Pointe Lines from Rover Avenue to the Powerhouse. Phase 4 - 1999. Phase 5 - 2000. Phase 6 - 2001. Phase 7 - 2002. Part of a ten year program ($45 million) to replace the Pointe du Bois Transmission Lines, required to accommodate the increased generating capacity at the Power Plants. The efficiency, safety and aesthetics of the lines will also be improved.

Project Name: **Transmission - Winnipeg Lines Installation of 69 kV Cable between No. 3, No. 12, and No. 11 Substations**

Centre No.: 55030141xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	4,350	-	-	-	4,350	4,350
Financed by:									
Debentures				4,350				4,350	4,350

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	1,500	1,500	1,350	-	-	4,350
Financed by:									
Debentures				1,500	1,500	1,350			4,350

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			58
SURPLUS/(DEFICIT)	-	-	(58)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Purchase and install 69 kV cable between No. 3, No. 12, and No. 11 Substations.

Note: See No. 3 Substation and No. 12 Substation for balance of Phase 3.

The existing 69 kV underground cable between No. 3 and No. 11 Substations has been in service since 1948. It is obsolete and requires replacement. No. 12 Substation is along the route planned for a new cable between No. 3 and No. 11 Substations. Funds have previously been approved to upgrade No. 12 Substation. The new cable will provide a 69 kV supply to the three Substations.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution - Substations Various Substations - Capacitors**

Centre No.:	56yy01xxxx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	240	100	100	100	100	100	100	500	600
Financed by:									
Debentures		100	100	100	100	100	100	500	600

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		100	100	100	100	100	100	-	600
Financed by:									
Debentures		100	100	100	100	100	100		600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	14	25
SURPLUS/(DEFICIT)	(4)	(14)	(25)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Additional capacitors are required to be added to the system in order to increase the supply of VARS.
Note: The Manitoba Hydro - Winnipeg Hydro Power Agreement requires Winnipeg Hydro to maintain a power factor of 100%.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution - Substations Various Substations - Relay System**

Centre No.:	56yy01xxxx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Sustainable Development Encourage Innovative Projects (3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	250	250	250	250	250	250	1,250	1,500
Financed by:									
Debentures		250	250	250	250	250	250	1,250	1,500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		250	250	250	250	250	250	-	1,500
Financed by:									
Debentures		250	250	250	250	250	250		1,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	36	62
SURPLUS/(DEFICIT)	(9)	(36)	(62)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Purchase and install reverse power relays on all network feeders to replace obsolete equipment. Purchase and install pilot wire relays for all lines supplying substations to replace obsolete equipment and discontinue communication on unreliable copper pilot wire cable.

Project Name: **Distribution - Substations Various Substations - Potential Transformers**

Centre No.: 560401xxxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	200	-	-	200	200
Financed by:									
Debentures					200			200	200

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	200	-	-	-	200
Financed by:									
Debentures					200				200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Purchase and install potential transformers at various substations to replace hipot indication.

Project Name: **Distribution - Substations** **Various Substations - Circuit Breakers and Buswork**

Centre No.: 56yy01xxxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	400	800	800	800	800	400	3,600	4,000
Financed by:									
Debentures		400	800	800	800	800	400	3,600	4,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		400	800	800	800	800	400	-	4,000
Financed by:									
Debentures		400	800	800	800	800	400		4,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	15	72	157
SURPLUS/(DEFICIT)	(15)	(72)	(157)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Install 69 kV circuit breakers and upgrade station buswork at various substations to replace obsolete and underrated equipment. The circuit breakers scheduled for replacement have been in service for approximately fifty years.

Project Name: **Distribution - Substations No. 1 Substation - Terminate 69 kV Cable**

Centre No.: 56040101xx
Program: Infrastructure
Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	2,000	-	-	2,000	2,000
Financed by:									
Debentures					2,000			2,000	2,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	2,000	-	-	-	2,000
Financed by:									
Debentures					2,000				2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Purchase and install 69 kV cable from No. 6 Substation, and purchase and install equipment to terminate a 69 kV cable.
The reliability of the station requires improvement by adding a 3rd kV supply circuit.

Project Name: **Distribution - Substations No. 3 Substation - Termination of 69 kV Cable from No. 12 Substation**

Centre No.:	56030103xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	700	-	-	-	700	700
Financed by:									
Debentures				700				700	700

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	500	200	-	-	-	700
Financed by:									
Debentures				500	200				700

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			19
SURPLUS/(DEFICIT)	-	-	(19)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Termination of 69 kV cable from No. 12 Substation.

Note: See No. 3 Substation, No. 12 Substation and Winnipeg Lines for balance of Phase 3.

Project Name: **Distribution - Substations No. 5 Substation - Manitoba Hydro - Winnipeg Hydro Interconnection**

Centre No.: 56050105xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	2,000	-	2,000	2,000
Financed by:									
Debentures						2,000		2,000	2,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	-	2,000	-	-	2,000
Financed by:									
Debentures						2,000			2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Add new interconnection with Manitoba Hydro. Replace Banks 8 and 10 with a 75/100/125 MV.A phase-shifting transformer.

Project Name: **Distribution - Substations No. 5 Substation - Upgrade - 69 kV Switchyard**

Centre No.: 56040105xx
Program: Infrastructure
Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	1,000	-	-	1,000	1,000
Financed by:									
Debentures					1,000			1,000	1,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	500	500	-	-	1,000
Financed by:									
Debentures					500	500			1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Install 69 kV buswork, insulators and electrical apparatus to replace obsolete and underrated equipment.

Project Name: **Distribution - Substations No. 6 Substation - Upgrade - 69 kV Switchyard**

Centre No.: 56050106xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		-	-	-	-	1,000	-	1,000	1,000
Financed by:									
Debentures						1,000		1,000	1,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	-	500	500	-	1,000
Financed by:									
Debentures						500	500		1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rearrange 69 kV circuit breakers to complete ring bus configuration and terminate 69 kV cable from No. 1 Substation.

Project Name: **Distribution - Substations No. 7 Substation - Substation Upgrade - Purchase and Install Electrical Equipment**

Centre No.: 56yy0107xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	1,500	1,500	-	3,000	3,000
Financed by:									
Debentures					1,500	1,500		3,000	3,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	1,500	1,500	-	-	3,000
Financed by:									
Debentures					1,500	1,500			3,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrade existing building and purchase and install two 69-4 kV transformers and two section of 4 kV switchgear to replace obsolete equipment. The existing transformers and switchgear have been in service since 1949.

Project Name: **Distribution - Substations No. 9 Substation - Substation Upgrade - Purchase Electrical Equipment - Phase 1**

Centre No.: 56060109xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	1,750	1,750	1,750
Financed by:									
Debentures							1,750	1,750	1,750

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	850	900	1,750
Financed by:									
Debentures							850	900	1,750

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrade existing building and purchase and install two 69-4 kV transformers and two sections of 4 kV switchgear to replace obsolete equipment. The existing transformers and switchgear have been in service since 1949.

Project Name: **Distribution - Substations** **No. 19 Substation - Purchase Switchyard Property**

Centre No.: 56yy0119xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	200	300	500	-	-	1,000	1,000
Financed by:									
Debentures			200	300	500			1,000	1,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	200	300	500	-	-	-	1,000
Financed by:									
Debentures			200	300	500				1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	33
SURPLUS/(DEFICIT)	-	(8)	(33)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Construct control building and install grounding transformer. The interconnection transformers and structure are owned by Winnipeg Hydro, but the property, control building and other structures are owned by Manitoba Hydro. Upgrades to the interconnection and control equipment are required. Purchasing the property and constructing a new control building is consistent with the re-negotiated power agreement.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution Substations No. 21 Substation - Switchyard Wall**

Centre No.:	56050121xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	300	-	300	300
Financed by:									
Debentures						300		300	300

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	-	300	-	-	300
Financed by:									
Debentures						300			300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Construction of a wall along the west boundary of the switchyard parallel to the existing lane completes the enclosure of the yard with masonry walls. This increases the safety, security and the aesthetics of the downtown substation.

Project Name: **Distribution - Substations No. 22 Substation - Purchase 69 kV/4.6 kV Transformers**

Centre No.: 56020122xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	400	-	-	-	-	400	400
Financed by:									
Debentures			400					400	400

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	400	-	-	-	-	-	400
Financed by:									
Debentures			400						400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		15	42
SURPLUS/(DEFICIT)	-	(15)	(42)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Purchase and install one 69-4 kV transformer. This transformer will replace No.7 Bank transformer, which is designated as the spare for failure of any 69-4 kV transformer on the electrical system.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution Central Control SCADA**

Centre No.:	56yy0135xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Sustainable Development Encourage Innovative Projects (3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	6,000	-	-	-	1,000	-	1,000	2,000	2,000
Financed by:									
Debentures					1,000		1,000	2,000	2,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	1,000	-	1,000	-	2,000
Financed by:									
Debentures					1,000		1,000		2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Part of a multi-year program to upgrade the remote control system for substations, and replace obsolete control equipment and copper pilot wire communication cable.

Project Name: **Distribution - Substations Emergent Equipment**

Centre No.:	56yy0136xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	250	250	250	250	250	250	1,250	1,500
Financed by:									
Debentures		250	250	250	250	250	250	1,250	1,500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		250	250	250	250	250	250	-	1,500
Financed by:									
Debentures		250	250	250	250	250	250		1,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	36	62
SURPLUS/(DEFICIT)	(9)	(36)	(62)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Purchase and install equipment of an emergent nature.

No amounts have been included for "previous budget" because of the project's recurring nature.

Project Name: **Distribution - Overhead** **Replacement of Overhead Plant**

Centre No.:	56YY041XXX	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	500	100	100	100	100	100	500	1,000
Financed by:									
Debentures		500	100	100	100	100	100	500	1,000

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		500	100	100	100	100	100	-	1,000
Financed by:									
Debentures		500	100	100	100	100	100		1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	19	56	67
SURPLUS/(DEFICIT)	(19)	(56)	(67)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replacement of overhead plant including river crossing at Rover Avenue.

Project Name: **Distribution - Overhead Supply Load Increases**

Centre No.: 56yy041xxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	1,100	1,100	1,100	1,100	1,100	1,100	5,500	6,600
Financed by:									
Debentures		1,100	1,100	1,100	1,100	1,100	1,100	5,500	6,600

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		1,100	1,100	1,100	1,100	1,100	1,100	-	6,600
Financed by:									
Debentures		1,100	1,100	1,100	1,100	1,100	1,100		6,600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	41	157	274
SURPLUS/(DEFICIT)	(41)	(157)	(274)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Supply of new customers and feeder extensions for additional loads and rearrangement of Overhead Plant.

No amounts have been included for "previous budget" because of the project's recurring nature.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution - Underground Supply New Customers - New Services**

Centre No.: 56yy051xxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Economic Direction
Promote Positive Business Climate
(2A-07)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	775	775	775	775	775	775	3,875	4,650
Financed by:									
Debentures		775	775	775	775	775	775	3,875	4,650

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		775	775	775	775	775	775	-	4,650
Financed by:									
Debentures		775	775	775	775	775	775		4,650

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	29	111	193
SURPLUS/(DEFICIT)	(29)	(111)	(193)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Supply of new customers for additional loads and rearrangement of underground plant.

No amounts have been included for "previous budget" because of the project's recurring nature.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Distribution - Underground System Improvements and Replacements**

Centre No.:	56yy051xxx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	1,200	1,000	1,000	1,000	1,000	1,000	5,000	6,200
Financed by:									
Debentures		1,200	1,000	1,000	1,000	1,000	1,000	5,000	6,200

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		1,200	1,000	1,000	1,000	1,000	1,000	-	6,200
Financed by:									
Debentures		1,200	1,000	1,000	1,000	1,000	1,000		6,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	45	164	270
SURPLUS/(DEFICIT)	(45)	(164)	(270)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Improvements and replacements of mainline equipment - feeder cable, switchgear and transformers, ductline and manholes.

No amounts have been included for "previous budget" because of the project's recurring nature.

Project Name: **Distribution - Underground** **Conversion of Downtown Area**

Centre No.: 56yy051xxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Downtown Image
Establish Maintenance Standards
(6D-03)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	300	300	300	300	300	300	1,500	1,800
Financed by:									
Debentures		300	300	300	300	300	300	1,500	1,800

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		300	300	300	300	300	300	-	1,800
Financed by:									
Debentures		300	300	300	300	300	300		1,800

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	43	75
SURPLUS/(DEFICIT)	(11)	(43)	(75)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Convert from Overhead to Underground Distribution in the Downtown Area bounded by Main, Memorial, Assiniboine and Logan in conjunction with major redevelopments.

No amounts have been included for "previous budget" because of the project's recurring nature.

Project Name: **Distribution - Underground** **Overhead to Underground Conversion of Major Streets**

Centre No.: 56yy051xxxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Downtown Image
Establish Maintenance Standards (6D-03)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	740	740	740	2,220	2,220
Financed by:									
Debentures					740	740	740	2,220	2,220

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	740	740	740	-	2,220
Financed by:									
Debentures					740	740	740		2,220

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Overhead to underground conversion on major streets.

Project Name: **Distribution - Underground Image Route Improvements**

Centre No.: 56yy051xxx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance
(5C-55)

			FORECAST						
AUTHORIZATION	**Prev. Budgets**	**2001 Adopted**	**2002**	**2003**	**2004**	**2005**	**2006**	**Five-Year Forecast Total**	**Six-Year Total**
Project Costs ($000's)	N/A	500	500	500	500	500	500	2,500	3,000
Financed by:									
Debentures		500	500	500	500	500	500	2,500	3,000

CASH FLOW		**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**Beyond 2006**	**Six-Year Total**
Project Costs ($000's)		500	500	500	500	500	500	-	3,000
Financed by:									
Debentures		500	500	500	500	500	500		3,000

NET OPERATING IMPACT	**2001**	**2002**	**2003**
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	19	71	125
SURPLUS/(DEFICIT)	(19)	(71)	(125)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Image Route improvements.

No amounts have been included for "previous budget" because of the project's recurring nature.

Project Name: **Distribution - Underground Remove Overhead On Academy Road from Kenaston to Cambridge**

Centre No.:	5605051xxx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Downtown Image Establish Maintenance Standards (6D-03)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	2,400	-	2,400	2,400
Financed by:									
Debentures						2,400		2,400	2,400

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	-	-	2,400	-	-	2,400
Financed by:									
Debentures						2,400			2,400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Fdr.'s 703N15 and 8U24 330 m of ductline and 500 m of cable - $1,100,000.
Fdr.'s 706N20 and 8U24 800 m of ductline and 685 m of cable - $1,300,000.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Hydro Office/Other Buildings - AEM Facility Vehicle and Equipment Replacement**

Centre No.: 61yy0103xx
Program: Physical Asset Stewardship

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	240	240	330	240	250	300	1,360	1,600
Financed by:									
Debentures		240	240	330	240	250	300	1,360	1,600

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		240	240	330	240	250	300	-	1,600
Financed by:									
Debentures		240	240	330	240	250	300		1,600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	34	63
SURPLUS/(DEFICIT)	(9)	(34)	(63)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Ongoing program of replacement of vehicles and purchase of additional vehicles as required due to expanded service.

No amounts have been included for "previous budget" because of the project's recurring nature.

WINNIPEG HYDRO - HYDRO ELECTRIC SYSTEM

Project Name: **Hydro Office/Other Buildings - Operating Building Buildings Rearrangement - Modifications to Operating Building 1315 Notre Dame Avenue**

Centre No.:	61yy015^{1}xx	Capital Priority Rating:	5 - 4
Program:	Physical Asset Stewardship	Plan Winnipeg Indicator:	Personal Safety Promote Safety in Design (4F-01)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	750	500	500	500	-	-	1,500	2,250
Financed by:									
Debentures		750	500	500	500			1,500	2,250

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		750	500	500	500	-	-	-	2,250
Financed by:									
Debentures		750	500	500	500				2,250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	28	98	151
SURPLUS/(DEFICIT)	(28)	(98)	(151)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Modifications to the Operating Building 1315 Notre Dame. Renovate Distribution Maintenance Shop, obsolete mechanical and electrical systems and installation of fire sprinklers to meet Building Code.

Project Name: **Customer Premises Distribution Automation and Automatic Meter Reading**

Centre No.: 56yy0135xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Sustainable Development
Encourage Innovative Projects
(3A-02)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	500	2,000	2,000	2,000	6,500	6,500
Financed by:									
Debentures				500	2,000	2,000	2,000	6,500	6,500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		-	-	500	2,000	2,000	2,000	-	6,500
Financed by:									
Debentures				500	2,000	2,000	2,000		6,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			19
SURPLUS/(DEFICIT)	-	-	(19)

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Automatic Meter Reading - 2003 - Year 1 of a multi-year project

To replace existing meters (approximately 100,000 meters) with a new automatic reading system which has the capability to provide meter readings, detect theft/tampering, obtain Demand Side Management Information, remote water heater control, establish "time of use" rates, and allow remote disconnections and reconnections. These features are available through various communication networks such as telephone line, radio frequencies, power line carriers, etc.

The Automatic Meter Reading System will eventually eliminate the need for Meter Readers. The system would eliminate estimated bills, therefore resulting in accurate billings every month and a reduction in the volume of high bill concerns. The remote disconnect/reconnect feature allows immediate service response and would result in fewer write-offs.

Also, this system will replace an obsolete system, presently in use, for water heater control.

Project Name: **Hydro Office and Other Buildings - Operations - Branch Power System Control (PSC) Building Renovation**

Centre No.: 61yy01xxxx
Program: Physical Asset Stewardship

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Personal Safety
Promote Safety in Design
(4F-01)

AUTHORIZATION	Prev. Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		500	-	-	-	-	-	-	500
Financed by:									
Debentures		500						-	500

CASH FLOW		2001	2002	2003	2004	2005	2006	Beyond 2006	Six-Year Total
Project Costs ($000's)		500	-	-	-	-	-	-	500
Financed by:									
Debentures		500							500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	19	53	53
SURPLUS/(DEFICIT)	(19)	(53)	(53)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Renovations to PSC Building to Upgrade 42 year old Facility.

Project Name: **Combined Sewer Flood Relief**

Centre No.: 5201020701
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Basement Flooding Protection
(5C-28)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	90,879	7,500	7,500	7,200	7,200	7,200	7,200	36,300	43,800
Financed by:									
Combined Sewer Renewal Reserve		7,500	7,500	7,200	7,200	7,200	7,200	36,300	43,800

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	7,500	7,500	7,200	7,200	7,200	7,200	-	43,800
Financed by:								
Combined Sewer Renewal Reserve	7,500	7,500	7,200	7,200	7,200	7,200		43,800

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This program, which was approved by Council on October 21, 1987, is for providing basement flood relief to combined sewered areas. Funds will be used for the planning, design and construction of sewer relief works. Also, a portion of the funds will be used for sewer flow and meteorological monitoring in advance of design as well as public communication and education on basement flood protection.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Flood Relief Sewers - Separate**

Centre No.: 52yy0307xx
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Basement Flooding Protection
(5C-21)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	300	300	300	300	1,200	1,200
Financed by:									
Combined Sewer Renewal Reserve				300	300	300	300	1,200	1,200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	300	300	300	300	-	1,200
Financed by:								
Combined Sewer Renewal Reserve			300	300	300	300		1,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Basement flooding has become as extensive in some separate sewered areas as in combined sewered areas. A parallel relief sewer program in separate areas is necessary. It is proposed that funds be used for the conceptual and detailed design and construction of sewer relief works in separate sewered areas.

Project Name: **Impoundment Shoreline Replacement/Upgrading**

Centre No.:	5201080701	Capital Priority Rating:	3 - 2
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Preserve Natural Drains (5C-30)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,372	100	200	-	100	100	100	500	600
Financed by									
General Reserve		100	200		100	100	100	500	600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	100	200	-	100	100	100	-	600
Financed by								
General Reserve	100	200		100	100	100		600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	20	34
SURPLUS/(DEFICIT)	(4)	(20)	(34)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an annual program of carrying out repairs or improvements to shorelines and facilities of existing stormwater retention basins (impoundments). Upgrading of the retention basins will prevent chronic maintenance problems and improve safety.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Regional Flood Protection**

Centre No.: 5201090701
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	3,679	444	294	344	344	450	450	1,882	2,326
Financed by:									
General Reserve		444	294	344	344	450	450	1,882	2,326

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	444	294	344	344	450	450	-	2,326
Financed by:								
General Reserve	444	294	344	344	450	450		2,326

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	18	62	98
SURPLUS/(DEFICIT)	(18)	(62)	(98)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City has reviewed the adequacy and operation of the regional flood protection system against high water levels in the Red and Assiniboine Rivers, and has an annual program of carrying out major repairs or improvements to the flood pumping stations, outfall pipes and gates, and operating procedures. Also, under the 1990 "Clean and Beautiful Winnipeg" initiative, several flood pumping stations have been identified for aesthetic improvements.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Flood Pumping Station Reliability Upgrades**

Centre No.:	52yy0907xx	Capital Priority Rating:	3 - 3
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Regional Flood Protection (5C-29)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	1,000	1,000	1,500	1,100	1,100	5,700	5,700
Financed by:									
General Reserve			1,000	1,000	1,500	1,100	1,100	5,700	5,700

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	1,000	1,000	1,500	1,100	1,100	-	5,700
Financed by:								
General Reserve		1,000	1,000	1,500	1,100	1,100		5,700

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		41	155
SURPLUS/(DEFICIT)	-	(41)	(155)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes upgrading of critical components (ventilation, electrical) and installation of remote monitoring at all 34 combined sewer systems flood pumping stations. This will improve station reliability under high river level and rainfall conditions, and provide monitoring of the station operation.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Land Drainage Sewers Outfall Gate Structures**

Centre No.: 52yy1407xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	1,450	500	2,000	2,000	1,450	7,400	7,400
Financed by:									
General Reserve			1,450	500	2,000	2,000	1,450	7,400	7,400

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	1,450	500	2,000	2,000	1,450	-	7,400
Financed by:								
General Reserve		1,450	500	2,000	2,000	1,450		7,400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		60	184
SURPLUS/(DEFICIT)	-	(60)	(184)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a project to install flap gates and positive sliding gates within concrete gate structures on land drainage outfall sewers where these facilities do not currently exist. Under high river level (flood) conditions, the river water backs up into the land drainage system. In some low lying areas there is a potential for river water to inundate roadways and adjacent properties. The presence of river water in the land drainage pipes also greatly reduces the capacity of the system to carry away rainfall and snow melt runoff. The gate structures will prevent the entry of river water into the land drainage system.

Project Name: **Development Agreement Paybacks**

Centre No.:	52yy1307xx	Capital Priority Rating:	3 - 2
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Protect Against Major Storms (5C-31)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	175	335	-	-	600	600	1,535	1,710
Financed by:									
Developer Capacity Charges		175	335			600	600	1,535	1,710

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	175	335	-	-	600	600	-	1,710
Financed by:								
Developer Capacity Charges	175	335			600	600		1,710

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The provision for development agreement payback is an allowance for the City to repay developers who bridge finance the installation of oversized land drainage services at a time when City capital funding is not provided. The policy guideline for bridge financing was defined in the previous version of the Development Agreement Parameters and was again incorporated in the most recent version of the Parameters which was adopted by Council on June 21, 1989.

Funds budgeted will provide the following paybacks:

2001	AG 25/80 - 66300 Manitoba Ltd./Royal Mint	$175,000
2002	DASZ 44/85 - Qualico/Lagimodiere Outfall	$335,000
2005	DASZ 19/98 & DASZ 20/98 - Novamet/Riverbend South	$600,000
2006	DASZ 3/93 - Genstar/Amber Trails	$600,000

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Flood Activity/Emergency Information System**

Centre No.:	52yy1507xx	Capital Priority Rating:	3 - 3
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Regional Flood Protection (5C-29)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,100	-	300	-	-	-	-	300	300
Financed by:									
General Reserve			300					300	300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	300	-	-	-	-	-	300
Financed by:								
General Reserve		300						300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		12	34
SURPLUS/(DEFICIT)	-	(12)	(34)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will provide an overall flood activity and emergency manual for the entire City of Winnipeg. It will consolidate and update information in partial flood activity manuals that currently exist for the North East and South West Sectors of the City. Work tasks include collecting information to develop activities for the portions of the City where activity manuals do not exist. The manual will describe all operational activities for all combined and separate sewer districts, such as gate monitoring, gate closure, activation of permanent pumping facilities, installation and activation of temporary pumping facilities, secondary dike requirements, etc.

Project Name: **Floodplain Management**

Centre No.: 52yy1507xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	300	-	-	-	-	300	300
Financed by:									
General Reserve			300					300	300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	300	-	-	-	-	-	300
Financed by:								
General Reserve		300						300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		12	34
SURPLUS/(DEFICIT)	-	(12)	(34)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will investigate programs, policies and legislation to:

1) Protect and ensure permanency of current and future secondary dike installation;
2) Prevent construction of new structures interfering with secondary dikes and within unprotected areas subjected to frequent high river levels and;
3) Investigate a process and develop guidelines to control or prevent improvements/re-developments at unprotected private properties with potential acquisition of such high risk properties.

The implementation of such programs could be over 5 to 10 years minimum at a cost of $10 million.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Permanent Secondary Dikes**

Centre No.: 5201150701
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,600	3,800	5,000	600	500	-	-	6,100	9,900
Financed by:									
General Reserve					500			500	500
Provincial/Federal Contribution		3,800	5,000	600				5,600	9,400

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	3,800	5,000	600	500	-	-	-	9,900
Financed by:								
General Reserve				500				500
Provincial/Federal Contribution	3,800	5,000	600					9,400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Construction of permanent secondary dikes on private property at locations that have previously required sandbag dikes The project will include engineering, acquisition of permits and supply and installation of material to create the permanent dikes Riverbank stability and site features will govern final locations

Project Name: **St. Germain/Vermette Drainage Study**

Centre No.: 5201150702
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

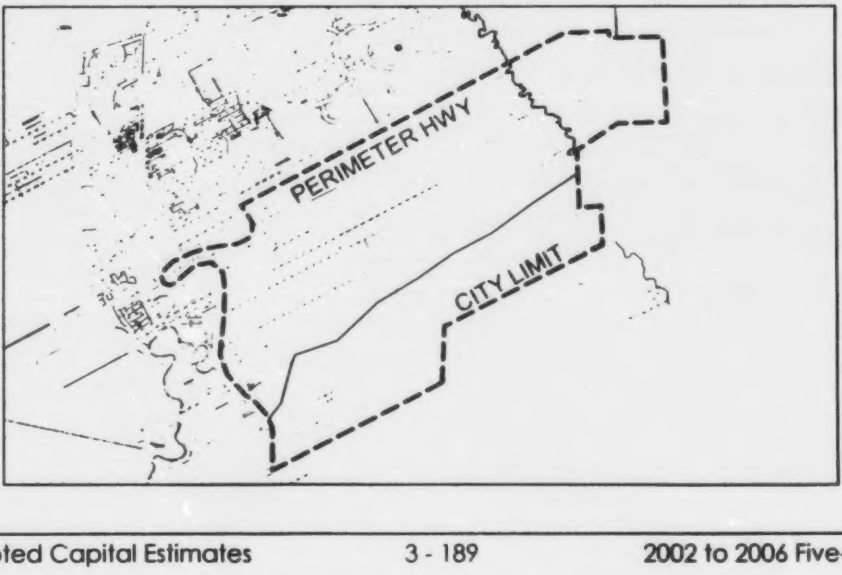
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		250	-	-	-	-	-	-	250
Financed by:									
General Reserve		250						-	250

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by								
General Reserve	250							250

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	10	28	28
SURPLUS/(DEFICIT)	(10)	(28)	(28)

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The purpose of this study is to assess the land drainage requirements for the St. Germain/Vermette area of south St. Vital. The study will assess requirements in terms of new design standards, hydraulic analysis methods, existing and potential development areas and future transportation facilities. Both a short term solution and long term master drainage plan to service the study area will be developed. The study will address long standing drainage problems in the area, notably along St. Mary's Road and vicinity.



Project Name: **Permanent Land Drainage Pumping Station at Kilkenny & Rice**

Centre No.: 52yy1007xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

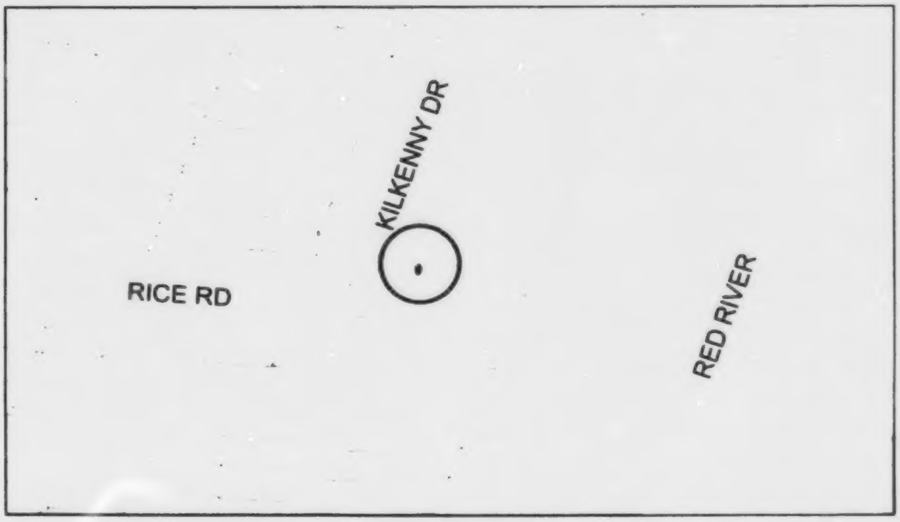
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	800	-	800	800
Financed by:									
General Reserve						800		800	800

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	800	-	-	800
Financed by:								
General Reserve					800			800

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes construction of a permanent pumping station at Kilkenny Drive and Rice Road to allow discharge of land drainage runoff from snowmelt and rainfall under high river level conditions. This station will serve a large catchment area where use of smaller temporary pumps present logistical and reliability difficulties.



Project Name: **Seine River Waterway Acquisition**

Centre No	5201010701	Capital Priority Rating:	3 - 3
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Preserve Natural Drains (5C-30)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		100	100	150	150	150	150	700	800
Financed by General Reserve		100	100	150	150	150	150	700	800

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	100	100	150	150	150	150	-	800
Financed by General Reserve	100	100	150	150	150	150		800

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	15	29
SURPLUS/(DEFICIT)	(4)	(15)	(29)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purchase of Seine River Waterway lands is a Council adopted policy to provide long term economical regional drainage and to manage the flood plain. The waterway lands were originally delineated in 1980 and are required to accommodate flow along the Seine River from a 100-year summer storm. The waterway lands are typically purchased at the time of subdivision. This has been made possible from funds collected through the Seine River Waterway Charge applied to all subdivision and rezoning applications within the Seine River watershed within City limits. Funding is required to supplement the funds from the Waterway Charge. Development of lands adjacent to the Seine River will occur faster than the development of lands further from the Seine River. Therefore, the funding required to purchase waterway lands will exceed the funding collected from the Waterway Charge.

Project Name: **Primary Dike Upgrading**

Centre No.:	52yy1507xx	Capital Priority Rating:	3 - 3
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Regional Flood Protection (5C-29)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	1,000	1,000	1,000
Financed by:									
General Reserve							1,000	1,000	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000
Financed by:								
General Reserve						1,000		1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Raising of the primary dike system in Winnipeg has been identified as a key requirement to improve the flood defenses of the City pursuant to the 1997 flood. $24 million in funding is required for raising dikes to an elevation that would be compatible with the Ste. Agathe Dam alternative that has been investigated in connection with the work undertaken by the International Joint Commission (IJC). If the second option of increasing the floodway capacity were pursued, the cost to raise the primary dikes would increase to $134 million, as dikes would need to be raised to a higher elevation. The portion of the primary diking system from approximately Bishop Grandin Blvd. southerly is common to both options at an estimated cost of $5.0 million.

Project Name: **Bibeau Drain Inlet Structure and Safety Grate**

Centre No.: 5201150703
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Infrastructure Maintenance and Renewal (5C-38)

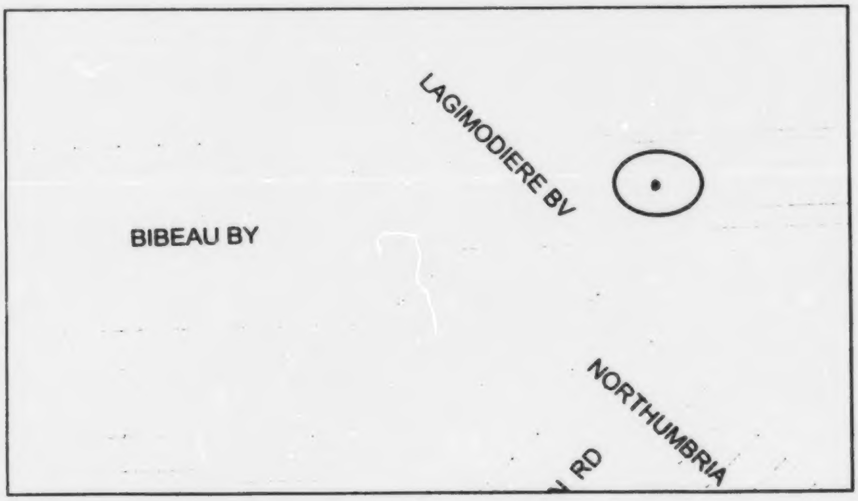
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		100	250	-	-	-	-	250	350
Financed by:									
General Reserve		100	250					250	350

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	100	250	-	-	-	-	-	350
Financed by:								
General Reserve	100	250						350

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	22	39
SURPLUS/(DEFICIT)	(4)	(22)	(39)

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

This project involves the reconstruction of a large diameter sewer inlet structure at the terminus of the Bibeau Drain on the east side of Lagimodiere Boulevard. This inlet has been identified as a drainage safety concern since it is located adjacent to a newly constructed private school (Springs of the Living Water) and does not conform to the recently approved Drainage Safety Guidelines.



Project Name: Land Drainage Safety Upgrading Program

Centre No.:	52yy1507xx	Capital Priority Rating:	3 - 3
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Infrastructure Maintenance and Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	200	200	500	500	1,400	1,400
Financed by:									
General Reserve				200	200	500	500	1,400	1,400

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	200	200	500	500	-	1,400
Financed by:								
General Reserve			200	200	500	500		1,400

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			9
SURPLUS/(DEFICIT)	-	-	(9)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purpose of this program is to reconstruct or upgrade miscellaneous components of the existing land drainage system that do not conform to the City of Winnipeg Drainage Safety Guidelines. These components pose an unreasonable hazard to the public and operational personnel Specific projects will be identified and priorized as part of the current Open Channel Drainage Inventory and Safety Review Study, which is scheduled to be completed in 2001.

Project Name: **Fernbank Avenue Land Drainage Sewer**

Centre No. 52yy0407xx
Program Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

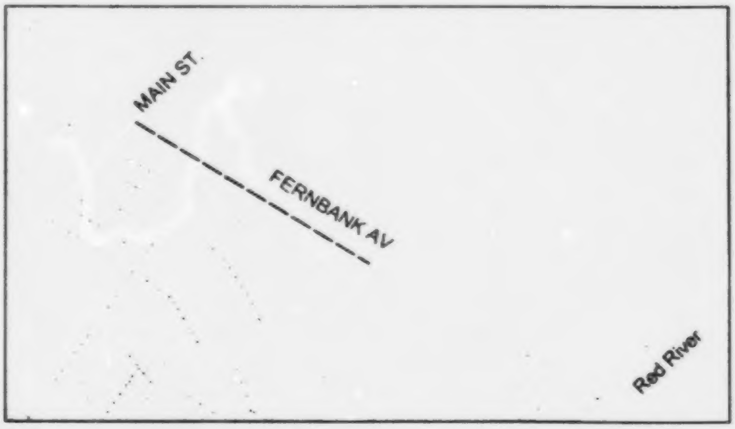
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	875	-	875	875
Financed by:									
Developer Capacity Charges						875		875	875

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	875	-	-	875
Financed by:								
Developer Capacity Charges					875			875

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes construction of a 1350 mm diameter land drainage sewer on Fernbank Avenue from approximately 65 metres west of Main Street to Rivergrove Drive. The sewer will provide a permanent outlet for the Riverbend Subdivision retention basin and an outlet for the undeveloped lands west of the CPR Winnipeg Beach Subdivision rail line. These lands include the Public Works Department's snow dump site north of Fernbank Avenue and there is a proposed "Big Box" development east of McPhillips Street. In addition, a Secondary Plan is currently being developed for the undeveloped lands west of McPhillips Street. Because of these development pressures, the sewer is deemed necessary in advance of more orderly development where a developer would install these works.



WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **South Tuxedo Stormwater Retention Basin**

Centre No.: 52yy0807xx
Program: Infrastructure

Capital Priority Rating: 3 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

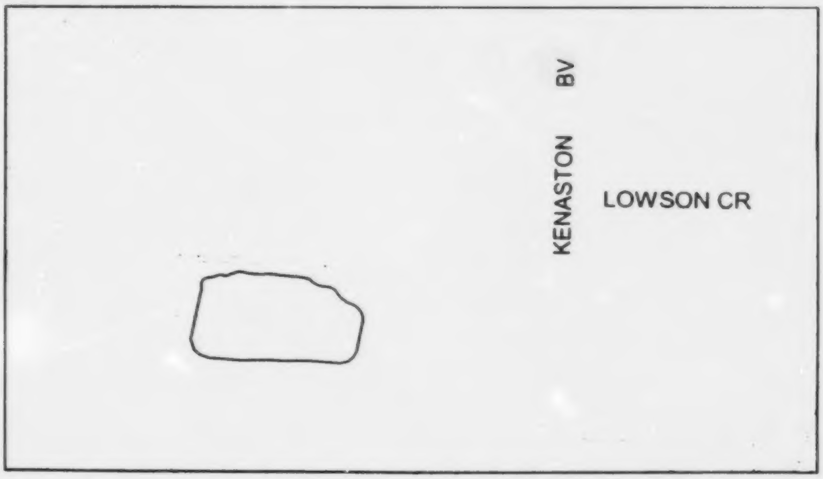
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	500	1,100	1,600	1,600
Financed by: Developer Capacity Charges						500	1,100	1,600	1,600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	500	1,100	-	1,600
Financed by: Developer Capacity Charges					500	1,100		1,600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The lands bounded by CNR Rivers, CPR La Riviere/Kenaston Boulevard, McCreary Road and McGillivray Boulevard will require additional land drainage capacity in the very near future due to expected development in the area. The optimum means to providing this additional capacity as determined by the South Tuxedo Land Drainage Study is to construct a stormwater retention basin in lands located west of Kenaston Boulevard opposite Rothwell Road (Inland Site).



WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Combined Sewer Renewals**

Centre No	5201060101	Capital Priority Rating:	3 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Infrastructure Maintenance and Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	12,080	11,080	11,080	11,080	11,080	11,080	55,400	67,480
Financed by:									
Combined Sewer Renewal Reserve		12,080	11,080	11,080	11,080	11,080	11,080	55,400	67,480

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	12,080	11,080	11,080	11,080	11,080	11,080	-	67,480
Financed by:								
Combined Sewer Renewal Reserve	12,080	11,080	11,080	11,080	11,080	11,080		67,480

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to renew deteriorating combined sewers. Sewers will be replaced or repaired using appropriate sewer rehabilitation technology, based on a condition assessment determined through video inspection. A portion of the funding will be used for video inspection.

No amounts have been included for "previous budgets" because of this project's recurring nature.

Project Name: **Outfall Maintenance**

Centre No.: 5201140101
Program: Infrastructure

Capital Priority Rating: 3 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Infrastructure Maintenance and Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,534	300	500	200	200	200	200	1,300	1,600
Financed by:									
General Reserve		300	500	200	200	200	200	1,300	1,600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	300	500	200	200	200	200	-	1,600
Financed by:								
General Reserve	300	500	200	200	200	200		1,600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	54	99
SURPLUS/(DEFICIT)	(12)	(54)	(99)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Rehabilitation of sewer outfalls, to repair piping and remedy riverbank instability and/or failure. A condition assessment has been completed in 1998, to provide a prioritization of repairs for outfalls throughout the City. Outfall repairs will focus on the outfalls that require most immediate attention, some of which experienced damage from the high river elevations and ice flows experienced in 1996 and 1997

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Long Term Zebra Mussel Mitigation**

Centre No.: 51yy0207xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Monitor and Protect Finished Water (5C-14)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	1,000	-	-	1,000	1,000
Financed by:									
Retained Earnings					1,000			1,000	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	300	300	400	-	1,000
Financed by:								
Retained Earnings				300	300	400		1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Zebra mussels have existed in the Great Lakes since 1986. Their rapid population growth and steady infestation of surrounding bodies of fresh water has created extensive operating problems and costs to utilities withdrawing fresh water from such areas. The City recognizes that Shoal Lake could be infested with zebra mussels. Accordingly, upgrading the Shoal Lake Intake Facilities is required to mitigate potential zebra mussel problems. Upgrading to provide mitigative measures may be implemented for short and long term control. Under previous capital budgets short term mitigative measures involving chemical treatment are being implemented. Engineering studies concerning long term mitigative measures will be carried out and may include physical measures which will reduce dependence on chemical control.

Project Name: **Shoal Lake Aqueduct Condition Assessment and Rehabilitation**

Centre No.: 51yy0307xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Supply
(5C-11)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	42,007	5,000	4,400	2,400	-	-	-	6,800	11,800
Financed by:									
Aqueduct Rehabilitation Reserve		5,000	4,400	2,400				6,800	11,800

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	5,000	4,400	2,400	-	-	-	-	11,800
Financed by:								
Aqueduct Rehabilitation Reserve	5,000	4,400	2,400					11,800

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Shoal Lake Aqueduct which has been in service for 81 years delivers water to Winnipeg from Shoal Lake, a distance of 156 kilometres (97 miles). A comprehensive condition reassessment of the Main Aqueduct reach of the Shoal Lake Aqueduct (Intake to Deacon Reservoir) was undertaken for its entire length from late 1992 to the fall of 1995 The Aqueduct in this reach, though generally in good to excellent condition, is in need of rehabilitation to address buoyancy problems in the upper reaches from Mile 87 to Mile 95, significant longitudinal cracking and sulphate deterioration from Mile 17 to Mile 26 and inadequacies of the overflow structure at Mile 17 as well as its associated downstream watercourse

A comprehensive condition assessment of the Branch I Aqueduct reach of the Shoal Lake Aqueduct (Deacon Reservoir to the McPhillips Reservoir) was undertaken for its entire length from the fall of 1994 to the spring of 1996. The Aqueduct in this reach, though generally in good to excellent condition, is in need of rehabilitation to address leaking joints, a shortage of access/inspection manholes on the underdrain system as well as the cleaning and repair of same, and deterioration and inadequacies of The Tache Booster Pumping Station and Surge Tower

Funding in 2001-2003 is for the engineering and construction of the rehabilitation works

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Saskatchewan Avenue Feedermain**

Centre No.	51yy0707xx	Capital Priority Rating:	5 - 3
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain and Supplement Water Distribution (5C-12)

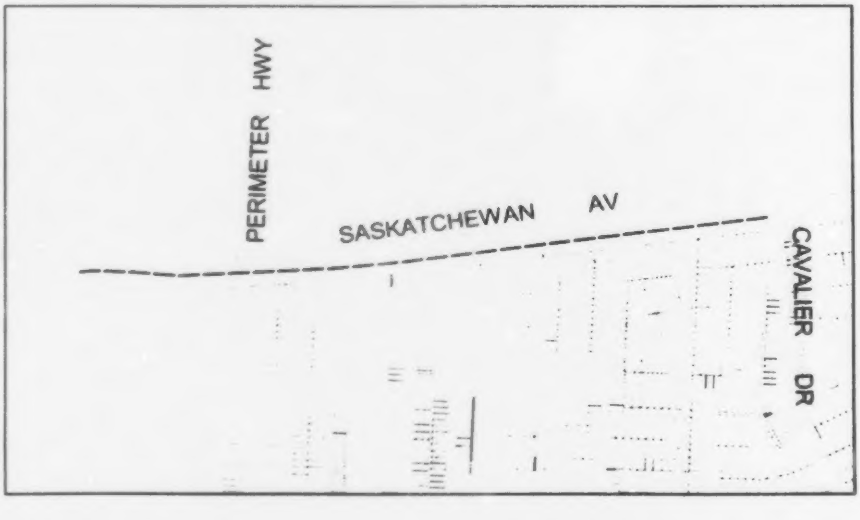
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	1,163	-	-	-	1,163	1,163
Financed by:									
Retained Earnings				1,163				1,163	1,163

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	1,163	-	-	-	-	1,163
Financed by:								
Retained Earnings			1,163					1,163

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Urban development of the lands within the City and west of the Perimeter Highway will require an extension of the water distribution system to provide a looped supply. The funds included are to provide for a watermain between Cavalier Drive and a point 500 metres west of PTH 101 on Saskatchewan Avenue. It is expected that watermains required within the development lands to complete the loop will be oversized by developers.



Project Name: **Water Treatment Plant - Functional & Detailed Design & Construction**

Centre No.: 51yy0807xx
Program: Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Monitor and Protect Finished Water (5C-14)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,042	3,000	6,000	26,000	84,000	80,000	-	196,000	199,000
Financed by:									
Water Treatment Reserve		3,000	6,000	26,000	50,000	12,000		94,000	97,000
Debenture					34,000	68,000		102,000	102,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	3,000	6,000	26,000	84,000	80,000	-	-	199,000
Financed by:								
Water Treatment Reserve	3,000	6,000	26,000	50,000	12,000			97,000
Debenture				34,000	68,000			102,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 1994, Council adopted the recommendation that the City plan for water treatment to protect public health by controlling disinfection by-products and pathogens, and to meet more stringent water quality guidelines. A Water Treatment Reserve Fund was also created to provide approximately 50% cash at the time of construction. Between 1994 and 2000, $5.0 million in funding was approved for pilot studies, conceptual design, preliminary engineering, and pre-design. In 1999, the technical work was completed and a Council Seminar was conducted to present a summary of water quality guidelines, public health risks and consequences, recommended water treatment process, and cost and financing of a water treatment plant. Also in October 1999, a special meeting of the Executive Policy Committee (EPC) was held to gather public input on the need to construct a water treatment plant. The final report recommending the water treatment program was considered by EPC on October 11, 2000. Council approved the recommended water treatment program on November 22, 2000. The water treatment plant is proposed to be in-service in 2006 at an estimated project cost of $204 million.

Currently, two new technologies are being studied and pilot tested to determine design parameters, costs, and benefits which may reduce the capital cost.

Project Name: **GWWD Railway Bridge Replacement**

Centre No :	51yy1207xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain and Supplement Water Supply (5C-11)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	900	-	530	-	-	-	-	530	530
Financed by:									
Retained Earnings			530					530	530

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	400	130	-	-	-	-	530
Financed by:								
Retained Earnings		400	130					530

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The project involves the replacement of the timber bridge at Mile 77.7 (East Braintree) with a salvaged steel span. The timber in the bridge is rotting with age.

The GWWD Railway line, which parallels the main aqueduct from Winnipeg to Shoal Lake, provides for maintenance of the aqueduct along its entire length and delivery of vital goods and services to Shoal Lake required to protect the quality and safety of the City's water supply.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Lagimodiere Boulevard Feedermain Extension**

Centre No.:	51yy0707xx	Capital Priority Rating:	5 - 3
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain and Supplement Water Distribution (5C-12)

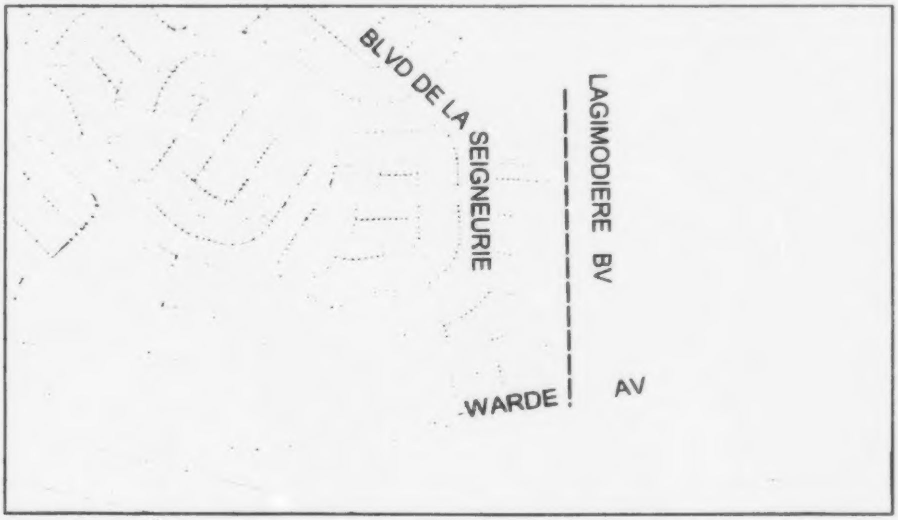
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	1,300	-	1,300	1,300
Financed by:									
Retained Earnings						1,300		1,300	1,300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	1,300	-	-	1,300
Financed by:								
Retained Earnings					1,300			1,300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds included for the project are to increase the level of water service and fire protection to the Island Lakes area and permit further development. The development agreement has identified a school site within the proposed development that requires the extension of this feedermain to provide the required fire protection.



Project Name: McPhillips Pumping Station - Natural Gas Engine Replacement

Centre No	51yy0607xx	Capital Priority Rating:	5 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain and Supplement Water Distribution (5C-12)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	1,250	750	2,000	2,000
Financed by Retained Earnings						1,250	750	2,000	2,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	1,250	750	-	2,000
Financed by Retained Earnings					1,250	750		2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The McPhillips Pumping Station has two natural gas engine driven pumps which are approximately thirty years old and are requiring more frequent and extensive repairs. The cost of the repairs is becoming substantive such that replacement of these two units will be necessary in this timeframe.

Funding is for the engineering and the supply and replacement of the two engines and pumps.

Project Name: **MacLean Pumping Station - Natural Gas Engine Replacement**

Centre No.:	51yy0607xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain and Supplement Water Distribution (5C-12)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	2,000	-	2,000	2,000
Financed by: Retained Earnings						2,000		2,000	2,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	2,000	-	-	2,000
Financed by: Retained Earnings					2,000			2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The MacLean Pumping Station has two natural gas engine driven pumps which are approximately thirty years old and are requiring more frequent and extensive repairs. The cost of the repairs is becoming substantive such that replacement of these two units will be necessary in this timeframe.

Funding is for the engineering and the supply and replacement of the two engines and pumps.

Project Name: **Water SCADA Replacement**

Centre No 51yy0607xx
Program Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Distribution (5C-12)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	1,275	-	1,275	1,275
Financed by:									
Retained Earnings						1,275		1,275	1,275

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	1,275	-	-	1,275
Financed by:								
Retained Earnings					1,275			1,275

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing water supervisory control and data acquisition (SCADA) computer hardware and software components are becoming obsolete, as they are no longer available nor supported and as new technology, equipment and software become the industry standard. With a fully automated water system, computer hardware and software replacement are essential for the supply and distribution of water.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Computerized Work Management System**

Centre No.: 51yy1407xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Financial Management
Stabilize Expenditures (2B - 02)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,360	125	225	125	125	-	-	475	600
Financed by:									
Retained Earnings		125	225	125	125			475	600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	240	50	50	145	115	-	600
Financed by:								
Retained Earnings		240	50	50	145	115		600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	(763)	(1,186)	(1,313)
Debt and finance charges increase			
SURPLUS/(DEFICIT)	763	1,186	1,313

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A Computerized Work Management System is an enabler for the Wastewater and Water Services Divisions to implement improvements to the existing work practices resulting in the more effective delivery of municipal services. The Project is expected to achieve cost reductions in the current budget to offset the operating and maintenance costs of other initiatives such as wastewater disinfection, odour control and watermain swabbing. The cost of supporting the proposed computer system is also expected to be offset by operational savings. The Computerized Work Management System will replace the 30 year old Maintenance Management System currently being used by the Water Services Division for tracing crew performance and budget information. The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The Project goals endeavour to meet the expectations outlined in the Reinventing Government directive produced by the Executive Policy Committee.

Project Name: **Chlorine System Improvement**

Centre No	51yy0607xx	Capital Priority Rating:	5 - 2
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain and Supplement Water Distribution (5C-12)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	200	800	-	-	1,000	1,000
Financed by									
Retained Earnings				200	800			1,000	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	200	800	-	-	-	1,000
Financed by								
Retained Earnings			200	800				1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Regulating trends in the U S A are requiring that ventilation systems from chlorine feed and containment facilities scrub discharge air to remove chlorine compounds prior to emission to the atmosphere. In anticipation of similar requirements being instituted in Canada, funds have been identified to provide for vent scrubbing at the first of the City's three regional water pumping stations. Funding for the remaining stations will be identified in subsequent budget years.

Project Name: **Branch II Aqueduct - Valves at Interconnection**

Centre No.: 51yy0407xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Supply
(5C-11)

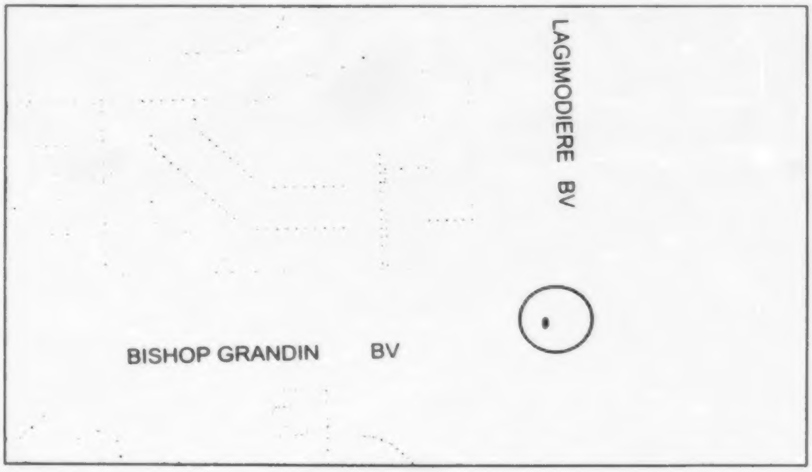
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		-	-	-	-	100	1,200	1,300	1,300
Financed by:									
Retained Earnings						100	1,200	1,300	1,300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	100	1,200	-	1,300
Financed by:								
Retained Earnings					100	1,200		1,300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds included for this project are to increase the reliability and operation of the Branch II Aqueduct which was constructed in the early 1960's Risk management scenario planning identified that by installing two valves on the Branch II Aqueduct at the interconnection location, significant water supply advantages can be realized. Given that future maintenance will be required, valves on the Branch II aqueduct are required to facilitate emergency repairs or planned maintenance.



Project Name: **Midtown Feedermain - Assiniboine River Crossing Condition Assessment**

Centre No	51yy0707xx	Capital Priority Rating:	5 - 3
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain and Supplement Water Distribution (5C-12)

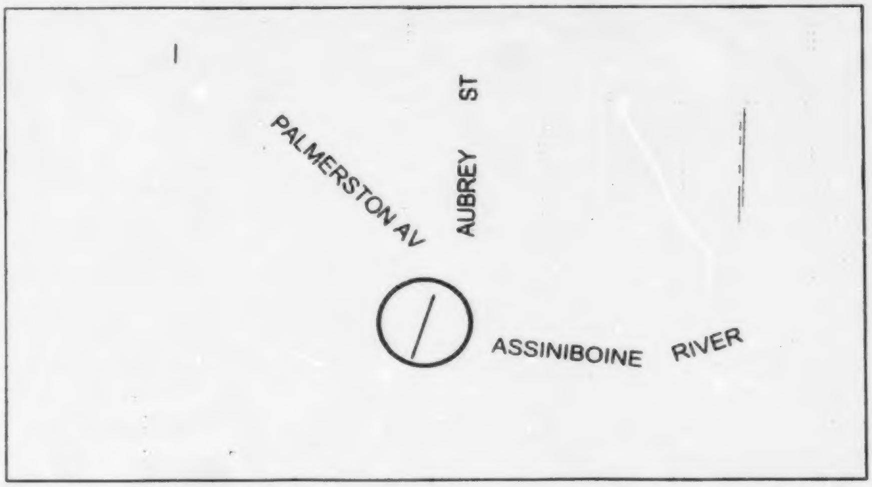
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		100	-	-	-	-	-	-	100
Financed by									
Retained Earnings		100						-	100

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by								
Retained Earnings	100							100

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Midtown Feedermain crosses the Assiniboine River on its own dedicated bridge structure and has been in service since 1956. Significant repairs were made to the feedermain pipe in 1993 and internal inspections of the pipe at that time revealed the presence of corrosion. In consideration of the age, exposure to the elements, previous repair requirements and observed corrosion, it is timely to undertake a condition assessment of the feedermain pipe and its associated bridge structure to ascertain future rehabilitation or replacement requirements.



WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Watermain Renewal Program**

Centre No.:	52yy21xxxx	Capital Priority Rating:	5 - 2
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Infrastructure Maintenance and Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	7,500	7,000	7,000	7,000	7,000	7,000	35,000	42,500
Financed by:									
Watermain Renewal Reserve		7,500	7,000	7,000	7,000	7,000	7,000	35,000	42,500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	7,500	7,000	7,000	7,000	7,000	7,000	-	42,500
Financed by:								
Watermain Renewal Reserve	7,500	7,000	7,000	7,000	7,000	7,000		42,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to replace and/or rehabilitate deteriorating watermain infrastructure. Funding is used for watermain replacement, cathodic protection, valve and hydrant replacement/rehabilitation, correction of dead end mains, upgrading of substandard mains, and hydraulic improvements for fire protection purposes.

No amounts have been included for "previous budgets" because of this project's recurring nature.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Grit Handling Upgrade - North End Water Pollution Control Centre (NEWPCC)**

Centre No	51yy0212xx	Capital Priority Rating:	5 - 2
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,600	2,500	-	-	-	-	-	-	2,500
Financed by									
Retained Earnings		2,500						-	2,500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	1,250	1,250	-	-	-	-	-	2,500
Financed by								
Retained Earnings	1,250	1,250						2,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds included are for construction of the replacement of the grit collection and handling systems within the pre-aeration/grit removal pretreatment area of the NEWPCC The existing systems are approximately 30 years old are prone to breakdowns and require frequent repair for which replacement parts are difficult to obtain

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Primary Clarifier Covers - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0213xx
Program: Infrastructure

Capital Priority Rating: 5 - 1
Plan Winnipeg Indicator: Regional Services and Facilities
Control Odour (5C-19)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	-	-	300	6,900	-	-	7,200	7,200
Financed by:									
Retained Earnings				300	6,900			7,200	7,200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	300	3,000	3,900	-	-	7,200
Financed by:								
Retained Earnings			300	3,000	3,900			7,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The three uncovered primary clarifiers of the NEWPCC has been identified as one of the remaining sources of odour at the site. The results of the odour audit conducted at the treatment facility in 1993 and 1994 have indicated however that the uncovered primary clarifiers are a low priority for mitigation compared to other more persistent and intense odour sources. Funding requirements for covering the primary clarifiers have therefore been deferred to permit completion of other odour mitigation work. Following mitigation of more persistent and intense odour sources, site odours will again be assessed to determine the necessity for covering the primary clarifiers from an odour control standpoint. Covering the clarifiers is also favoured to facilitate operational flexibility and maintenance.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Wastewater Disinfection - North End Water Pollution Control Centre (NEWPCC)**

Centre No	51yy0217xx	Capital Priority Rating:	5 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Consider Use of Disinfection (5C-18)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	133	6,480	8,520	-	-	-	-	8,520	15,000
Financed by									
Environmental Projects Reserve		6,480	8,520					8,520	15,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	867	9,380	4,753	-	-	-	-	15,000
Financed by								
Environmental Projects Reserve	867	9,380	4,753					15,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			300
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	(300)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of Public Hearings concerning surface water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment, which were adopted in 1993, which would necessitate disinfection of effluent from the three regional wastewater treatment plants in Winnipeg prior to discharge to the Red and Assiniboine Rivers. Implementing disinfection will address a long standing criticism of the City's pollution control initiatives and will result in compliance with the objectives during dry weather periods. Implementation of the recommendations of the Clean Environment Commission will require funding for Engineering and Construction

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Chlorine System Improvements - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0216xx
Program: Infrastructure

Capital Priority Rating: 5 - 1
Plan Winnipeg Indicator: Regional Services and Facilities
Control Odour (5C-19)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	200	2,800	-	-	3,000	3,000
Financed by:									
Retained Earnings				200	2,800			3,000	3,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	200	2,800	-	-	-	3,000
Financed by:								
Retained Earnings			200	2,800				3,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Chlorine is added at the headworks of the NEWPCC as one of the means of controlling the adverse effects of nuisance odour emissions in the adjoining community. Recent pilot odour control investigations at the NEWPCC have resulted in a recommendation to increase the chlorine application rate. Chlorine is currently transported to the NEWPCC site and fed from rail tank cars. With increased application rates, the number of tank cars will approximately double. In consideration of the increased chlorine usage and emerging regulatory requirements, funds are required to provide containment for the railway tank cars and scrubbing of ventilation air from the containment facility prior to discharge to the atmosphere

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **High River Level (Flood) Protection - North End Water Pollution Control Centre (NEWPCC)**

Centre No	51yy0207xx	Capital Priority Rating:	3 - 3
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	750	-	750	750
Financed by									
Retained Earnings						750		750	750

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	750	-	-	750
Financed by								
Retained Earnings					750			750

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Under high river level conditions, the outlet capacity of the NEWPCC is limited which correspondingly reduces the ability to handle wastewater flows received at the facility. Modifications to the outfall piping are required to permit pumping at full capacity during high river levels to minimize the possibility of basement flooding within areas contributing to the NEWPCC.

Project Name: **High River Level (Flood) Protection - South End Water Pollution Control Centre (SEWPCC)**

Centre No.: 51yy0307xx
Program: Infrastructure

Capital Priority Rating: 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	2,000	-	-	-	-	2,000	2,000
Financed by:									
Retained Earnings			2,000					2,000	2,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	2,000	-	-	-	-	-	2,000
Financed by:								
Retained Earnings		2,000						2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Under high river level conditions, the outlet capacity of the SEWPCC is limited which correspondingly reduces the ability to handle wastewater flows received at the facility. Modifications to the outfall piping are required to permit pumping at full capacity during high river levels to minimize the possibility of basement flooding within areas contributing to the SEWPCC.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Capacity Study/Preliminary Engineering - South End Water Pollution Control Centre (SEWPCC)**

Centre No	51yy0311xx	Capital Priority Rating:	5 - 2
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		200	500	1,500	1,500	-	-	3,500	3,700
Financed by									
Retained Earnings		200	500	1,500	1,500			3,500	3,700

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	200	500	1,500	1,500	-	-	-	3,700
Financed by								
Retained Earnings	200	500	1,500	1,500				3,700

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

It is projected that the primary clarification operation will be at or near capacity by the year 2005 and that the secondary treatment process will be at capacity prior to 2005 at the SEWPCC. The funds budgeted are to undertake a capacity study to confirm that the plant expansion is necessary, and to commence preliminary engineering

Project Name: Primary Clarifier Expansion - South End Water Pollution Control Centre (SEWPCC)

Centre No.: 51yy0313xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	250	8,500	-	-	-	8,750	8,750
Financed by:									
Retained Earnings			250	8,500				8,750	8,750

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	250	8,500	-	-	-	-	8,750
Financed by:								
Retained Earnings		250	8,500					8,750

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

It is projected that by the year 2005 the primary clarifier operation at the SEWPCC will be at or near capacity. The funds budgeted are to undertake engineering design and construction of an additional primary clarifier. The requirement for the additional primary clarifier will be confirmed during undertaking of a capacity study on the SEWPCC process components including performance testing. (Under separate budget item)

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Wastewater Disinfection - West End Water Pollution Control Centre (WEWPCC)**

Centre No	51yy0417xx	Capital Priority Rating:	5 - 4
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Consider Use of Disinfection (5C-18)

			FORECAST						
AUTHORIZATION	**Previous Budgets**	**2001 Adopted**	**2002**	**2003**	**2004**	**2005**	**2006**	**Five-Year Forecast Total**	**Six-Year Total**
Project Costs ($000's)	520	-	-	800	980	950	-	2,730	2,730
Financed by									
Environmental Projects Reserve				800	980	950		2,730	2,730

CASH FLOW	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**Beyond 2006**	**Total**
Project Costs ($000's)	-	-	-	980	1,750	-	-	2,730
Financed by								
Environmental Projects Reserve				980	1,750			2,730

NET OPERATING IMPACT	**2001**	**2002**	**2003**
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of Public Hearings concerning surface water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment, which were adopted in 1993, which would necessitate disinfection of effluent from the three regional wastewater treatment plants in Winnipeg prior to discharge to the Red and Assiniboine Rivers. Implementing disinfection will address a long standing criticism of the City's pollution control initiatives and will result in compliance with the objectives during dry weather periods. Implementation of the recommendations will require funding for Engineering and Construction.

Project Name: Lift Station Upgrading

Centre No.:	51yy0607xx	Capital Priority Rating:	5 - 4
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Maintain Collection System (5C-24)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,443	250	250	250	250	250	250	1,250	1,500
Financed by:									
Retained Earnings		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	250	250	250	250	250	250	-	1,500
Financed by:								
Retained Earnings	250	250	250	250	250	250		1,500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

***Note:** Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is part of a continuing program for mitigating hydraulic, structural, safety, odour and aesthetic problems as required at the 95 lift stations and related works in the sewage collection system. For maximum effectiveness the program must be on a planned and continuous basis.

The Water and Waste Department has determined that the level of funding to maintain the existing lift stations is estimated at $250,000 per year. Due to the cyclical nature of maintenance requirements, the program is assessed on an annual basis and budget requirements may be adjusted in the future according to need.

Project Name: **Perimeter Road Pumping Station - Pump Upgrade**

Centre No 51yy0607xx
Program Infrastructure

Capital Priority Rating: 5 - 2
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Collection System (5C-24)

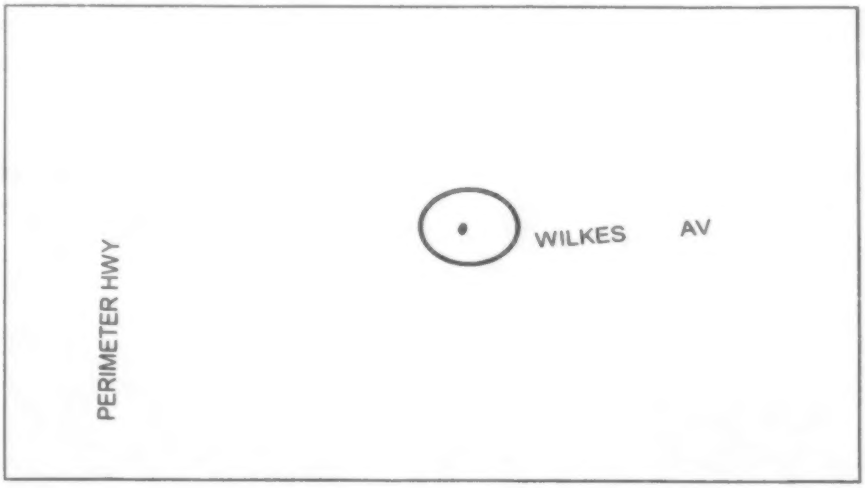
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		500	-	-	-	-	-	-	500
Financed by									
Retained Earnings		500						-	500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by								
Retained Earnings	500							500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is required for replacement of an aged diesel driven stand-by pump at this pumping facility. This station pumps all wastewater from the Charleswood and St. James-Assiniboia areas to the West End Water Pollution Control Centre (WEWPCC). In the event of a power outage, this pump is the sole method of conveying wastewater to the plant. Because of its age, replacement is required to improve reliability and minimize the possibility of basement flooding and spills of raw sewage to the Assiniboine River.



Project Name: Provencher Bridge - Reconstruction of Dumoulin Forcemain

Centre No.: 51yy0607xx
Program: Infrastructure

Capital Priority Rating: 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Collection System (5C-24)

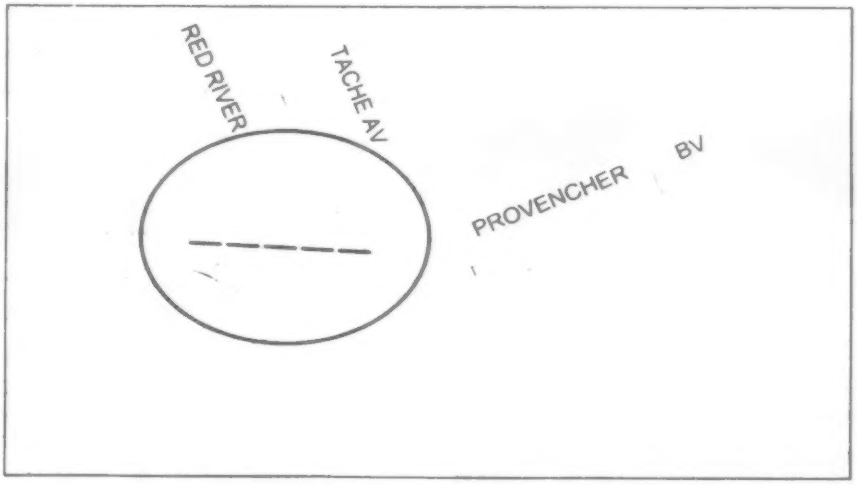
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by								
Retained Earnings	500							500

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Reconstruction of the Provencher Bridge is scheduled to commence in 2001. A wastewater forcemain exists across the existing Provencher Bridge which conveys pumped wastewater flows from the Despins and Dumoulin wastewater pump stations on the east side of the Red River to the Main Street Interceptor system on the west side of the Red River. Funding included is for the installation of two new forcemains across the river within the new bridge structure.



WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation**

Centre No	51yy0807xx	Capital Priority Rating:	5 - 2
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Develop a Combined Sewer Overflow Management Plan (5C-25)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)	7,120	1,000	1,000	5,000	5,000	5,000	5,000	21,000	22,000
Financed by									
Environmental Projects Reserve		1,000	1,000	5,000	5,000	5,000	5,000	21,000	22,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	250	1,750	5,000	5,000	5,000	5,000	-	22,000
Financed by								
Environmental Projects Reserve	250	1,750	5,000	5,000	5,000	5,000		22,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			50
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	(50)

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of Public Hearings concerning water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment which required the City to undertake a Combined Sewer Overflow (CSO) Study. The results of this study will be considered in establishment of environmental regulation for CSO's.

Funds budgeted are for completion of the regulatory process, annual monitoring programs, pilot studies, and initiation of a potential long-term control program.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Warde Interceptor Sewer**

Centre No.:	51yy0907xx	Capital Priority Rating	5 - 2
Program:	Infrastructure	Plan Winnipeg Indicator	Regional Services and Facilities Control Water Pollution (5C-17)

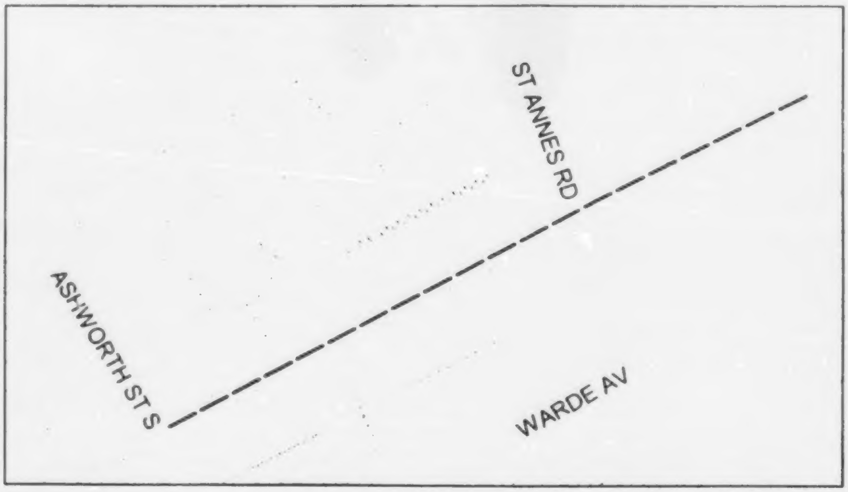
AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	1,300	-	-	-	-	1,300	1,300
Financed by:									
Retained Earnings			1,300					1,300	1,300

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	1,300	-	-	-	-	-	1,300
Financed by:								
Retained Earnings		1,300						1,300

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds budgeted are for engineering design and construction of an extension of the Warde Avenue Secondary Sewer from its present terminus at Ashworth Street. The extension will proceed easterly along the hydro right-of-way to a point on the future Warde Avenue alignment on the east side of the Seine River, approximately 1410 metres in length. This extension will provide regional servicing for projected development east of the Seine River and south of John Bruce Road



F4

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Inflow/Infiltration/Cross-Connection Study and Mitigation**

Centre No	51yy0807xx	Capital Priority Rating	3 - 3
Program	Infrastructure	Plan Winnipeg Indicator	Regional Services and Facilities Control Extraneous Flow (5C-22)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	2,000	-	2,000	2,000
Financed by									
Retained Earnings						2,000		2,000	2,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	2,000	-	-	2,000
Financed by								
Retained Earnings					2,000			2,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves locating and identifying sources of the extraneous flows entering the sewer system, and installing mitigative measures such that basement flooding is minimized during high river levels. During high river levels, several areas of the City have been identified where land drainage sewer system cross-connections may exist with the wastewater sewer system. Further, areas where other sources of extraneous flow (such as inflow and infiltration) are suspected, will be investigated.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Sewer System Isolation in Areas Protected by Secondary Dikes**

Centre No.:	51yy0807xx	Capital Priority Rating:	3 - 3
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Control Extraneous Flow (5C-22)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	1,000	-	1,000	1,000
Financed by:									
Retained Earnings						1,000		1,000	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	1,000	-	-	1,000
Financed by:								
Retained Earnings					1,000			1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves isolating the sewer system in areas protected by secondary dikes, from the remainder of the sewer system behind the primary dikes. This will involve one of three types of work for different locations:

1. Installation of gate valves on the house sewer connection;
2. Installation of sump pits and pumps and backwater valves in each property, or,
3. Installation of parallel sewer mains in streets.

The purpose of installing these works is to prevent complete flooding of a sewer district behind a primary dike should a secondary dike breach occur and flood the properties between the secondary and primary dikes.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Computerized Work Management System**

Centre No	51yy1407xx	Capital Priority Rating:	5 - 3
Program	Infrastructure	Plan Winnipeg Indicator:	Financial Management Stabilize Expenditures (2B - 02)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,560	125	225	125	125	-	-	475	600
Financed by									
Retained Earnings		125	225	125	125			475	600

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	240	50	50	145	115	-	600
Financed by								
Retained Earnings		240	50	50	145	115		600

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)	(763)	(1,186)	(1,313)
Debt and finance charges increase			
SURPLUS/(DEFICIT)	763	1,186	1,313

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A Computerized Work Management System is an enabler for the Wastewater and Water Services Divisions to implement improvements to the existing work practises resulting in the more effective delivery of municipal services. The Project is expected to achieve cost reductions in the current budget to offset the operating and maintenance costs of other initiatives such as wastewater disinfection, odour control and watermain swabbing. The cost of supporting the proposed computer system is also expected to be offset by operational savings. The Computerized Work Management System will replace the 30 year old Maintenance Management System currently being used by the Water Services Division for tracing crew performance and budget information. The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The Project goals endeavour to meet the expectations outlined in the Reinventing Government directive produced by the Executive Policy Committee.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Boiler Replacements - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0207xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	500	-	700	1,200	1,200
Financed by:									
Retained Earnings					500		700	1,200	1,200

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	500	-	700	-	1,200
Financed by:								
Retained Earnings				500		700		1,200

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The central heating plant at the NEWPCC consisted of three water tube boilers and one larger fire tube boiler with a total capacity of 47 GJ/hr which matched the peak heating requirement but did not provide firm capacity. The three older water tube boilers have experienced a significant number of tube failures in recent years and there is a concern for their ability to provide reliable service. If one of them is out of service, the large fire tube boiler will be required to run on natural gas. If a second boiler fails, plant heating requirements could not be met.

A boiler replacement program has been developed in which the three old boilers will be replaced by four new boilers in a staged approach. The first new boiler was installed in the winter of 2000. The next two boilers should be installed in 2004 and 2006. There are residual funds from the first boiler installation which can be used to complete the installation of the second new boiler and a digester gas conditioner in 2004.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Raw Sewage Pump Replacement - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0212xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2002	2003	2004	2005	2006		
Project Costs ($000's)		-	-	-	-	-	800	800	800
Financed by:									
Retained Earnings							800	800	800

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	800	-	800
Financed by:								
Retained Earnings						800		800

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The largest raw sewage pumps (700 hp) at the NEWPCC (MP 2, 3, 4 & 6) were installed in 1963. MP 3 & 6 have constant speed motors and MP 2 & 4 are variable speed with liquid slip regulators. Due to obsolescence, repair parts will be difficult to obtain and may have to be hand fabricated. Failure of one of these pumps would reduce firm capacity by 22% and could result in raw sewage bypassing treatment. Funding will be required for engineering, design, equipment supply and installation.

Project Name: **Outfall Upgrading - North End Water Pollution Control Centre (NEWPCC)**

Centre No.: 51yy0207xx
Program: Infrastructure

Capital Priority Rating: 5 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Retained Earnings							1,000	1,000	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000
Financed by:								
Retained Earnings						1,000		1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds budgeted are required for upgrading of the NEWPCC outfall. Recent evaluations have indicated that under certain conditions the outfall discharge capacity is undersized in comparison to treatment plant capacity, limiting the output of the treatment process. This situation will become progressively worse with additional development and expansion. Upgrading of the outfall will remove the bottleneck and allow for the full treatment capacity to be utilized. The upgrading will result in a reduced volume of combined sewer overflows being discharged to the river

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Biosolids - Alternative Disposal Study**

Centre No	51yy0215xx	Capital Priority Rating:	5 - 3
Program	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		-	-	-	-	-	1,000	1,000	1,000
Financed by									
Retained Earnings							1,000	1,000	1,000

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000
Financed by								
Retained Earnings						1,000		1,000

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg is seeking to amend its current sludge disposal licence to allow for repeat application of sludge after a certain period of time and to obtain continual approval for current application rates and winter spreading. If the Province does not approve the City's request and actually changes its regulations to limit sludge application rates to agronomic rates and prohibits winter spreading, the City will have to study and implement alternate sludge management and disposal methods. Funds included are for engineering study and design of alternatives to current sludge management and disposal methods.

Project Name: **Wastewater Sewer Renewals**

Centre No.:	52yy210xxx	Capital Priority Rating:	5 - 2
Program:	Infrastructure	Plan Winnipeg Indicator:	Regional Services and Facilities Provide Infrastructure Maintenance and Renewal (5C-38)

AUTHORIZATION	Previous Budgets	2001 Adopted	FORECAST 2002	2003	2004	2005	2006	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	420	420	420	420	420	420	2,100	2,520
Financed by:									
Wastewater Sewer Renewal Reserve		420	420	420	420	420	420	2,100	2,520

CASH FLOW	2001	2002	2003	2004	2005	2006	Beyond 2006	Total
Project Costs ($000's)	420	420	420	420	420	420	-	2,520
Financed by:								
Wastewater Sewer Renewal Reserve	420	420	420	420	420	420		2,520

NET OPERATING IMPACT	2001	2002	2003
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to renew deteriorating wastewater sewers Sewers will be replaced or repaired using appropriate sewer rehabilitation technology, based on the condition assessment determined through inspection

No amounts have been included for "previous budgets" because of this project's recurring nature

Winnipeg

EXHIBITS

2001 Annual
Capital Estimates

and

2002 to 2006
Five-Year Capital Forecast

Adopted by Council on February 27, 2001

Exhibit 1: Excerpts from the City of Winnipeg 1999 Detailed Financial Statements, The General Capital Fund

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

The General Capital Fund was created to account for tax-supported capital transactions of The City Winnipeg (The City). The capital program includes, but is not limited to, the acquisition and/or construction of streets, bridges, land drainage, parks and recreation facilities, police and fire department facilities, library facilities, civic buildings, major computer programs and related equipment and local improvements to name a few.

By March 31 of each year, Council is required under **The City of Winnipeg Act** to approve a budget for the General Capital Fund. The 1999 budget for the General Capital Fund of $93.9 million was a 0.9% increase from the 1998 budget of $93.1 million. Capital expenditures in 1999 relating to 1999 and previous years capital budgets, decreased from $100.9 million in 1998 to $95.2 million in 1999.

Of the $95.2 million of total 1999 capital expenditures, $12.0 million were for costs relating to the Residential Street Renewal program which is partially funded by the Province of Manitoba ($5.0 million). Other significant projects contributing to 1999 expenditures were: $4.5 million for Public Safety Building Renovations, $3.6 million for Police Communications Upgrade, $3.7 million for Portage Streetscaping, $2.3 million for Main/Norwood bridge project, $1.9 million on the Information Systems Adoption for the Year 2000, $1.7 million on the cost-sharing Canada/Manitoba infrastructure works program, and $1.6 million for the York Avenue Underpass/Forks Access project.

No debenture (external) tax-supported borrowing authority was approved by Council for 1999 and no external borrowing authority has been projected to 2004. In 1999, the City issued $50.0 million in debentures to finance capital expenditures relating to 1996 and previous capital budgets.

Internal financing from the General Reserve Fund increased in 1999 by 4.95%. The General Reserve Fund is increasing at a rate of about 10% a year with interest charges on capital financing and investment income contributing to the growth of the fund. Yearly internal financing from the General Reserve Fund is forecasted to increase to $58.1 million in 2004, from $40.1 million in 1999.

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

FIVE YEAR REVIEW

As at December 31
("$" amounts in thousands of dollars, except as noted)

	1999	1998	1997	1996	1995
Capital Assets					
Property, plant and equipment					
Streets and bridges	$ **305,349**	$ 315,835	$ 329,307	$ 331,571	$ 314,506
Special projects	**103,316**	101,425	95,033	96,137	99,027
Land drainage sewers	**78,688**	84,656	89,041	93,751	94,315
Culture and recreation	**58,900**	59,739	61,108	62,879	67,490
Civic accommodations	**50,973**	43,879	46,215	46,839	47,529
WDA/Core area initiative	**49,623**	47,113	46,102	45,733	47,725
Protection	**37,079**	30,542	27,901	29,502	26,358
Local improvements	**11,726**	14,109	16,752	20,219	22,629
Health and social development	**10,595**	12,039	11,720	11,580	13,454
Convention centre	**3,670**	3,894	4,108	4,311	4,559
	$ **709,919**	$ 713,231	$ 727,287	$ 742,522	$ 737,592
% change in capital assets	**-0.46%**	-1.93%	-2.05%	0.67%	7.88%
Internal Financing					
General Reserve	$ **188,234**	$ 179,305	$ 164,741	$ 165,098	$ 150,573
Land Operating Reserve	**-**	50	95	136	173
	$ **188,234**	$ 179,355	$ 164,836	$ 165,234	$ 150,746
% change in internal financing	**4.95%**	8.81%	-0.24%	9.61%	9.73%
Debenture Debt					
Outstanding debenture debt	$ **714,145**	$ 671,398	$ 695,650	$ 638,677	$ 676,916
Sinking fund reserve	**(215,770)**	(183,590)	(169,843)	(140,192)	(142,650)
Net debenture debt	$ **498,375**	$ 487,808	$ 525,807	$ 498,485	$ 534,266
% change in net debenture debt	**2.17%**	-7.23%	5.48%	-6.70%	3.78%
Capital lease obligation	$ **27,216**	$ 21,397	$ 20,401	$ 20,433	$ 20,511
Total long-term debt (including capital lease obligation)	$ **713,825**	$ 688,560	$ 711,044	$ 684,152	$ 705,523
Internal Debt as a % of Total Debt	**26.37%**	26.05%	23.18%	24.15%	21.37%

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

FIVE YEAR REVIEW (continued)

As at December 31
("$" amounts in thousands of dollars, except as noted)

	1999	1998	1997	1996	1995
Contributions and Transfers					
Province of Manitoba	**$ 17,883**	$ 34,956	$ 26,837	$ 14,239	$ 29,487
Combined Sewer Renewal Reserve	**13,838**	9,805	4,772	9,742	4,302
Other contributions	**1,921**	7,357	(72)	7,522	69
Government of Canada	**1,189**	885	7,126	2,066	9,496
	$ 34,831	$ 53,003	$ 38,663	$ 33,569	$ 43,354
Tax-supported Borrowing Authority approved by Council (excluding Transit)					
General Reserve	**$ 40,125**	$ 38,400	$ 21,522	$ 33,500	$ 30,700
Debenture	**-**	-	18,213	25,801	36,623
	$ 40,125	$ 38,400	$ 39,735	$ 59,301	$ 67,323
% change in borrowing authority	**4.49%**	-3.36%	-32.99%	-11.92%	5.60%
Total Tax-supported Capital Budget					
Tax-supported (excluding Transit)	**$ 93,908**	$ 93,138	$ 61,471	$ 83,868	$ 94,975
% change in tax-supported program	**0.83%**	51.52%	-26.71%	-11.69%	10.26%
Total Tax-supported Capital Expenditures					
Tax-supported capital expenditures (excluding Transit)	**$ 95,188**	$ 100,935	$ 82,554	$ 94,425	$ 150,685
% change in tax-supported program	**-5.69%**	22.27%	-12.57%	-37.34%	79.66%

Tax-supported Borrowing Authority Forecast approved by Council (excluding Transit)

	2000	2001	2002	2003	2004
General Reserve	$ 44,284	$ 48,200	$ 50,296	$ 54,533	$ 58,111
% change in borrowing authority	**10.37%**	8.84%	4.35%	8.42%	6.56%

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

STATEMENT OF FINANCIAL POSITION

As at December 31
(in thousands of dollars)

	1999	1998
ASSETS		
Current		
Due from General Revenue Fund (Note 3)	$ 2,014	$ -
Accounts receivable (Note 4)	12,494	23,050
	14,508	23,050
Deferred charges (Note 5)	2,144	4,946
Capital assets (Note 6)	709,919	713,231
	$ 726,571	$ 741,227
LIABILITIES		
Current		
Due to General Revenue Fund (Note 3)	$ -	$ 37,980
Accounts payable and accrued liabilities (Note 7)	3,513	6,218
Current portion of long-term debt (Note 8)	58,315	56,177
	61,828	100,375
Long-term debt (Note 8)	655,510	632,383
Deferred liabilities	2,531	2,606
Developer deposits	5,656	4,818
Other deposits	1,046	1,045
	$ 726,571	$ 741,227

See accompanying notes and schedule to the financial statements

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

STATEMENT OF CHANGES IN FINANCIAL POSITION

For the years ended December 31
(in thousands of dollars)

	1999	1998
NET INFLOW (OUTFLOW) OF CASH RELATED TO THE FOLLOWING ACTIVITIES:		
OPERATING		
Non-cash charges to operations (recorded in the General Revenue Fund)		
Depreciation	$ 63,668	$ 62,258
Amortization of debenture discount	1,949	1,627
Amortization of provision for foreign exchange	853	525
Interest on funds on deposit with The Sinking Fund Trustees of The City of Winnipeg ("The Sinking Fund Trustees")	(9,738)	(8,277)
Working capital from operations	56,732	56,133
Net change in working capital other than cash assets	7,851	(3,026)
Net change in deferred liabilities and other deposits	764	696
	65,347	53,803
FINANCING		
Debenture issues	50,000	-
Debenture debt retired	(7,253)	(24,252)
Payments from The Sinking Fund Trustees for long-term debt retired	1,600	19,100
Payments to The Sinking Fund Trustees for outstanding long-term debt	(24,042)	(24,570)
Net increase in General Reserve Fund debt	8,929	14,564
Other	5,769	951
	35,003	(14,207)
INVESTING		
Purchase of capital assets	(95,187)	(100,935)
Government of Canada capital grants	1,189	885
Province of Manitoba capital grants	17,883	34,956
Transfer from Combined Sewer Renewal Reserve	13,838	9,805
Transfer from General Revenue Fund	-	4,000
Transfer from Winnipeg Hydro System	-	2,500
Other	1,921	587
	(60,356)	(48,202)
Increase/(decrease) in cash assets	39,994	(8,606)
Cash assets, beginning of year	(37,980)	(29,374)
Cash assets, end of year	$ 2,014	$ (37,980)
COMPONENTS OF CASH ASSETS		
Due from (to) General Revenue Fund	$ 2,014	$ (37,980)

See accompanying notes and schedule to the financial statements

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

NOTES TO THE FINANCIAL STATEMENTS

As at December 31, 1999
(in thousands of dollars, except as noted)

1. Summary of Significant Accounting Policies

The preparation of periodic financial statements necessarily involves the use of estimates and approximations because the precise determination of financial data frequently depends upon future events. These financial statements have been prepared by management within reasonable limits of materiality and within the framework of accounting policies summarized below.

a) Basis of presentation

The General Capital Fund follows the fund basis of accounting. Funds are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions or limitations. The General Capital Fund was created to account for all financial transactions related to the City's tax-supported capital budget (excluding Transit).

b) Basis of accounting

The financial statements are prepared using the accrual basis of accounting.

c) Capital assets

Capital assets, including land, financed by the issue of debentures or internal financing through reserve funds, are recorded at the amount of the related outstanding debt obligations in the General Capital Fund. The interest and principal repayment on the debt is expensed in the General Revenue Fund.

Capital assets acquired under a capital lease, are recorded at the amount of the related obligation under the capital lease. The yearly financing charge is expensed in the General Revenue Fund or the appropriate utility fund.

Depreciation is recorded on the basis of reserve debt payments, serial debt payments, capital lease payments, sinking fund installments made and interest earned on the funds on deposit with The Sinking Fund Trustees. The effect of using this policy is that:

i) all capital assets, including land, financed through reserve funds, capital leases or the issue of debentures, are subject to depreciation, and
ii) assets are depreciated as they are funded which may not coincide with when the assets are actually put into service.

In certain circumstances, capital project work is charged an administration fee equal to 1% of the total cost of the project to a maximum of $100 thousand on any individual project. In addition, interim financing charges during the contract period are also capitalized as part of the project cost.

1. *Summary of Significant Accounting Policies (continued)*

d) Debenture discount and issue expense

Debenture issue expenses are charged to operations in the year of the related debenture issue. Commencing in 1996, discounts on debentures issued are amortized over the life of the debenture. However, on two debenture issues in 1990, the issue expenses as well as the deep discount on one of the issues are being amortized over the life of the debentures. These costs are recorded in the General Revenue Fund.

e) Deferred liabilities

Under the terms of development agreements, the City is required to repay developers for local improvements installed which benefit property outside the development area.

2. *Status of the General Capital Fund*

The General Capital Fund was created to account for tax-supported capital transactions of The City of Winnipeg. The capital program includes, but is not limited to, the acquisition and/or construction of streets, bridges, land drainage, parks and recreation facilities, police and fire department facilities, library facilities, civic buildings, major computer programs and related equipment and local improvements to name a few.

3. *Due from/(to) General Revenue Fund*

The City of Winnipeg operates a centralized treasury function with a single operating bank account in the General Revenue Fund. Cash transactions are credited or charged to the "Due (to) from" account in each fund. Consequently, this fund does not have a bank account. The General Capital Fund charges interim financing on individual capital projects and credits the interest to the General Revenue Fund.

4. *Accounts Receivable*

	1999	1998
Province of Manitoba	$ 11,822	$ 22,042
Government of Canada	672	979
Other receivables	-	29
	$ 12,494	$ 23,050

5. *Deferred Charges*

	1999	1998
Deferred debenture expense (Note 8d)	$ 2,144	$ 4,093
Deferred foreign exchange	-	853
	$ 2,144	$ 4,946

6. *Capital Assets*

	1999	1998
Property, plant and equipment		
Streets and bridges	$ 305,349	$ 315,835
Special projects	103,316	101,425
Land drainage sewers	78,688	84,656
Culture and recreation	58,900	59,739
Civic accommodations	50,973	43,879
WDA/Core area initiative	49,623	47,113
Protection	37,079	30,542
Local improvements	11,726	14,109
Health and social development	10,595	12,039
Convention centre	3,670	3,894
	$ 709,919	$ 713,231

7. *Accounts Payable and Accrued Liabilities*

	1999	1998
Trade accounts payable	$ 2,317	$ 3,199
Contractors' holdbacks	1,173	2,972
Other accrued liabilities	23	47
	$ 3,513	$ 6,218

8. *Long-term Debt*

Sinking fund debentures outstanding

Term	Maturity Date	Rate of Interest	Series	By-Law No.	Amount of Debt 1999	Amount of Debt 1998
(1) 1990-2000	Nov. 5	11.750	VK	5552/90	$ 61,535	$ 61,535
1990-2000	Nov. 5	11.775	VK	5553/90	37,900	37,900
1992-2002	Feb. 19	8.875	VM	5838/92	49,856	49,856
(2) 1988-2003	Feb. 23	10.250	VF	4783/88	69,300	69,300
1993-2003	May 19	8.500	VP	6163/93	93,907	93,907
1991-2004	Nov. 1	10.000	VL	5779/91	30,206	30,206
1990-2005	Oct. 1	11.700	VI	5507/90	40,078	40,078
1999-2009	Feb. 2	5.350	VV	7368/99	50,000	-
1989-2009	Dec. 14	10.000	VH	5286/89	68,065	68,065
1993-2013	Feb. 11	9.375	VN	6090/93	40,000	40,000
1994-2014	Jan. 20	8.000	VQ	6300/94	30,500	30,500
1995-2015	May 12	9.125	VR	6620/95	55,000	55,000
1997-2017	Nov. 17	6.250	VU	7000/97	30,000	30,000
					656,347	606,347
Equity in Sinking Fund (Note 8e)					(215,770)	(183,036)
Net sinking fund debentures outstanding					440,577	423,311

8. *Long-term Debt (continued)*

Other long-term debt outstanding		
Serial and installment debt issued by the City with varying maturities up to 2007 and a weighted average interest rate of 5.00% (1998 - 6.27%)	57,798	65,051
Equity in Sinking Fund (Note 8e)	-	(554)
	57,798	64,497
General Reserve debt issued by the City with varying maturities up to 2019 and a weighted average interest rate of 6.90% (1998 - 7.62%)	188,234	179,305
Capital lease obligations with varying maturities up to 2027 and a weighted average interest rate of 9.42% (1998 - 10%) (Note 8f)	27,216	21,397
Land Operating Reserve debt issued by the City, matured in 1999	-	50
	713,825	688,560
Current portion of debenture debt	(29,494)	(28,841)
Current portion of General Reserve debt	(25,844)	(24,208)
Current portion of capital lease obligation	(2,977)	(3,078)
Current portion of Land Operating Reserve debt	-	(50)
	(58,315)	(56,177)
	$ 655,510	$ 632,383

(1) issued at deep discount
(2) retractable issue

Long-term debt to be retired over the next five years:

	2000	2001	2002	2003	2004	Thereafter
Sinking fund debentures	$ 99,435	$ -	$ 49,856	$ 163,207	$ 30,206	$ 313,643
Serial and installment debt	4,985	5,178	5,382	5,598	5,830	30,825
General Reserve	25,844	21,952	18,370	15,526	14,681	91,861
Capital lease obligations	2,761	2,477	2,564	2,093	1,993	15,328
	$ 133,025	$ 29,607	$ 76,172	$ 186,424	$ 52,710	$ 451,657

8. *Long-term Debt (continued)*

a) Sinking fund debenture issues provide for full sinking fund at maturity except for the following debentures which, as a result of the levies being provided and the terms of the issues, will have sinking fund deficiencies requiring the issue to be refinanced at maturity.

Year of Maturity	Debenture By-Law	Issued Amount	Maturity Shortfall
2000	5552/90	$ 61,535	$ 38,316
2000	5553/90	37,900	23,599
2002	5838/92	49,856	21,637
2003	6163/93	93,907	40,635
2009	7368/99	50,000	30,981

b) The long-term debt is payable at maturity in the following currencies:

	1999	1998
Canadian dollars	**$ 929,595**	$ 860,076
United States dollars	-	1,600

c) All debentures are general obligations of the City. Debenture debt is allocated to the General Capital Fund and utilities in the amounts shown in the issuing by-law.

d) The debenture issues under authority of By-laws 5552/90 and 5553/90 are Canadian dollar private placements in the Japanese market. The related deep discount and fees are being amortized over the life of the issues.

e) **The City of Winnipeg Act** requires the City to make annual payments to The Sinking Fund. The City is currently paying three percent or greater on its outstanding sinking fund debentures. These annual payments are invested by The Sinking Fund for retirement of the debenture issues on their maturity dates.

f) Future minimum lease payments under the capital leases together with the balance of the obligation due under the capital leases are as follows:

	2000	$ 2,977
	2001	2,924
	2002	3,285
	2003	2,961
	2004	3,061
	thereafter	51,840
Total future minimum lease payments		67,048
Amount representing interest at a weighted average interest rate of 9.42%		(39,832)
Balance of the capital lease obligations		$ 27,216

9. *Contributions and Grants*

	1999	1998
Province of Manitoba	$ 17,883	$ 34,956
Combined Sewer Renewal Reserve	13,838	9,805
Other contributions	1,921	7,357
Government of Canada	1,189	885
	$ 34,831	$ 53,003

The above represents contributions and grants towards capital expenditures incurred by the City of Winnipeg.

10. *Comparative Figures*

Certain of the prior year's figures have been reclassified to conform with the current year's financial statement presentation.

As well during the year the City recognized that a certain number of its lease agreements were capital in nature. The capital leases are now included in these financial statements as capital assets with the corresponding obligation. Prior year's figures have been retroactively restated to reflect these leases. The net effect on the current year of these capital leases is an increase in capital assets and capital lease obligations in the amount of $15.3 million (1998 - $9.6 million).

THE CITY OF WINNIPEG
GENERAL CAPITAL FUND

Schedule 1

CAPITAL EXPENDITURES

For the year ended December 31, 1999
(in thousands of dollars)

	Capital Expenditures	Amount (Prefinanced) Unfinanced
General Municipal Purposes		
Streets and bridges	$ 29,561	$ (16,178)
Special projects	15,044	357
Land drainage sewers	14,989	1,126
Winnipeg Development Agreement	11,185	2,377
Civic accommodations	9,905	(2,838)
Protection	9,268	4,538
Culture and recreation	3,914	2,026
Health and social development	1,129	2,122
Local improvements	193	33
	$ 95,188	$ (6,437)

Administration fees and interim financing charges capitalized during 1999 were $1.2 million (1998 - $1.7 million).

Exhibit 2: Excerpts from The City of Winnipeg 1999 Detailed Financial Statements, Reserve Balances

14. Reserves

Consolidated reserves consist of the following restricted reserves established under section 338 of **The City of Winnipeg Act**:

	1999	1998
Water Treatment Reserve Fund	$ **26,420**	$ 14,657
Equipment Replacement Reserve Fund	**24,139**	19,710
Pointe Du Bois Generating Station Replacement Reserve Fund	**16,402**	13,556
Combined Sewer Renewal Reserve Fund	**15,842**	13,047
Fiscal Stabilization Reserve Fund	**13,582**	6,763
Environmental Projects Reserve Fund	**11,373**	10,117
Insurance Reserve Fund	**8,580**	7,986
Watermain Renewal Reserve Fund	**8,080**	8,879
Commitment Reserve Fund	**7,814**	2,115
Perpetual Maintenance Fund - Brookside Cemetery	**7,232**	6,705
Land Operating Reserve Fund	**6,110**	3,498
Mill Rate Stabilization Reserve Fund	**5,170**	3,847
Aqueduct Rehabilitation Reserve Fund	**4,855**	4,790
Snow Clearing Reserve Fund	**4,359**	1,962
Workers Compensation Reserve Fund	**4,215**	4,088
Contributions in Lieu of Land Dedication Reserve Fund	**2,759**	3,022
Retirement Allowance Reserve Fund	**2,505**	2,074
Library Reserve Fund	**1,682**	981
Idea Bank Reserve Fund	**1,273**	277
Golf Course Reserve Fund	**1,167**	1,002
Transit Bus Replacement Reserve Fund	**1,055**	4,830
Zoo Animals Reserve Fund	**675**	703
Recreation Programming Reserve Fund	**666**	301
Brady Landfill Rehabilitation Reserve Fund	**632**	455
Wastewater Sewer Renewal Reserve Fund	**540**	463
Zoo Purposes Reserve Fund	**473**	394
Perpetual Maintenance Fund - St. Vital Cemetery	**367**	339
Perpetual Maintenance Fund - Transcona Cemetery	**261**	240
Computer Replacement Reserve Fund	**168**	55
Concession Equipment Reserve Fund	**159**	131
	178,555	136,987
Other Reserves:		
Winnipeg Housing Rehabilitation Corporation Reserves	**1,735**	1,470
Winnipeg Enterprises Corporation - Reserve for Major Improvements	**329**	306
	180,619	138,763
General Reserve Fund	**201,265**	184,292
Less: Environmental liabilities (Note 11)	**(7,000)**	(7,000)
Retirement Allowance and vacation (Note 12)	**(87,934)**	(88,891)
	106,331	88,401
	$ **286,950**	$ 227,164

Exhibit 3: Capital Priority Rating System

The purpose of the Priority System is to provide a set of criteria by means of which proposed spending programs can be ranked in order of priority on a City-wide basis over the whole range of City functions and activities.

The System recognizes two basic factors, namely, priority of function (priority grouping) and degree of priority (sub-group rating).

		PRIORITY POINTS	
	PRIORITY GROUPINGS	**MAIN**	**SUB**
A.	**Vital Services** Those basic elements of essential services which are vital to the day to day domestic, industrial, and commercial life of the City. Capital expenditures within this group would be related to: 1) Winnipeg Hydro generating stations, transmission lines, terminal stations and elements of the distribution system. 2) Sewage Disposal Collection System and treatment facilities. 3) Water aqueduct reservoirs, pumping stations and trunk feedermains.	5	
B.	**Essential Services** Those basic services characterized by a high degree of public necessity, convenience and safety. Capital expenditures within this group would be related to: 1) Public Transportation 2) Fire and Police Protection 3) Garbage Collection and Disposal 4) Regional Street System 5) Land Drainage	3	
C.	**Standard Services** Those services which would reasonably be expected to be provided to all citizens of the City for their convenience and in accordance with generally accepted standards. Capital expenditures within this group would be related to: 1) Residential Street and Lane Construction (Local Improvements or other).	2	

		PRIORITY POINTS	
PRIORITY GROUPINGS		**MAIN**	**SUB**
D.	**Desirable Services** Those services having an aesthetic social, cultural, educational or entertainment value. Capital expenditures within this group would be related to: 1) Parks and Related Facilities 2) Recreational Facilities 3) Libraries 4) Museums	1	
	Sub-Group Rating Could cause a serious imminent disruption of service (should be done without undue delay).		4
	Would extend or complete the expected usefulness and/or reliability of a facility (should not be delayed for more than 1 year).		3
	Would improve a facility which is at present sub-standard or approaching a high degree of obsolescence (should not be delayed for more than 2 years)		2
	Would qualify as a minimum sustaining program - desirable but not absolutely essential (could be delayed for 3 years or more).		1

Note: A bonus of up to 2 points may be added to any of the subcategories 1 to 4 for projects that clearly contribute specifically to the City's declared development objectives.

Exhibit 4: Historical Analysis of Borrowing Authority, Sources of Funds, Application of Funds

HISTORICAL ANALYSIS OF BORROWING AUTHORITY ($000's)

Capital expenditures are financed from many sources besides borrowing. Following is a breakdown by the major categories for adopted capital budgets for 1996 to 2001.

	Adopted Capital Budgets					
	1996	1997	1998	1999	2000	2001
GROSS CAPITAL						
General (including Transit)	89,467	69,790	103,067	104,075	82,858	91,909
Local Improvements	1,030			259	800	455
Utilities	37,844	38,322	30,640	38,089	51,295	65,515
TOTAL GROSS CAPITAL	**128,341**	**108,112**	**133,707**	**142,423**	**134,953**	**157,879**
LESS AVAILABLE FINANCING						
Prior Borrowing	2,000	2,900	6,700	3,000	-	-
General Reserve	33,500	21,522	38,400	41,500	44,800	48,400
Other Reserves	21,920	26,232	29,044	31,060	37,908	48,389
Provincial Funding	19,239	17,175	35,781 *	27,444 *	15,870	15,000
Federal Funding	-	-	-	3,000	-	-
Provincial / Federal Funding	-	-	-	-	-	3,800
Contribution from Retained Earnings/ Working Capital	9,164	400	950	5,334	6,485	4,300
Other Sources	82	-	3,000	9,000	500	175
TOTAL AVAILABLE FINANCING	**85,905**	**68,229**	**113,875**	**120,338**	**105,563**	**120,064**
BORROWING AUTHORITY REQUIRED FOR THIS PROGRAM	**42,436**	**39,883**	**19,832**	**22,085**	**29,390**	**37,815**
LESS: NET UTILITY SUPPORTED FINANCING	**14,991**	**21,020**	**18,770**	**22,085**	**29,390**	**37,815**
TAX SUPPORTED FINANCING (EXTERNAL)	**27,445**	**18,863**	**1,062** **	-	-	-

* Includes Federal/Provincial Disaster Assistance Program Funding

** Transit

HISTORICAL ANALYSIS - SOURCE OF FUNDS ($000's)

The following information itemizes all the sources of financing for adopted capital budgets for 1996 to 2001.

	Adopted Capital Budgets					
	1996	1997	1998	1999	2000	2001
NON-DEBENTURE FINANCING AS FOLLOWS:						
Prior Borrowing	2,000	2,900	6,700	3,000	-	-
Reserves:						
General Reserve	33,500	21,522	38,400	41,500	44,800	48,400
Watermain Renewal Reserve	11,200	7,200	5,000	6,500	6,500	7,500
Aqueduct Renewal Reserve	350	8,500	4,500	2,000	5,000	5,000
Water Treatment Reserve	1,000	582	-	-	2,500	3,000
Combined Sewer Renewal Reserve	6,231	6,580	14,080	15,580	17,080	19,580
Wastewater Sewer Renewal Reserve	389	420	420	420	420	420
Transit Reserve	2,000	2,750	4,044	4,210	5,408	5,409
Environmental Reserve	750	200	1,000	1,750	1,000	7,480
Transfer from Idea Bank Reserve	-	-	-	600	-	-
Transfer - 1998 Operating	-	-	-	4,000	-	-
Provincial Funding:						
Urban Capital Projects Allocation I						
Pembina Hwy / La Salle Bridge 1990	357	-	-	-	-	-
York St Underpass	-	-	3,173	-	-	-
Urban Capital Projects Allocation II						
City Priorities - Unconditional Grant						
Applied to Tax Supported	4,500	-	-	-	-	-
Provincial City Priorities						-
Pembina Hwy / La Salle Bridge	944	-	-	-	-	-
Bishop Grandin / Kenaston	-	-	4,581	-	-	-
Unallocated Provincial City Priorities	1,268	-	-	-	-	-
Infrastructure Renewal						-
Manitoba / Winnipeg Community Revitalization	750	-	-	-	-	-
Transit System - Buses	2,985	-	-	-	-	-
Unallocated Infrastructure Renewal	566	-	-	-	-	-
Urban Capital Project Allocation III						
City Priorities - Unconditional Grant						
Unallocated UCPA III - Unconditional	-	3,481	3,177	2,659	2,197	3,198
Transit - Regular Transit Buses	-	1,019	1,823	1,841	2,303	2,302
Infrastructure Renewal & Strategic Enhancement						
Transit - Regular Transit Buses	-	3,000	3,000	3,000	3,000	3,000
South Transcona Land Drainage Basin	-	1,675	-	-	-	-
Manitoba / Winnipeg Community Revitalization	-	375	750	750	1,125	-
Nairn Avenue, Grey to Panet	-	1,369	-	-	-	-
Sturgeon Road, Saskatchewan to North Limit	-	187	-	-	-	-
Portage Avenue, Woodlawn to Queen	-	714	-	-	-	-
Donald St, Corydon to Stradbrook / Corydon Ave, Osborne - Donald	-	114	-	-	-	-
Provencher Bridge	-	174	-	-	-	-
Main / Norwood Bridges	-	6,703	-	-	-	-
Regional Flood Protection Works	-	82	-	-	-	-
Unallocated UCPA III - Infrastructure	-	-	6,650	6,175	5,945	6,200

HISTORICAL ANALYSIS - SOURCE OF FUNDS ($000's)

The following information itemizes all the sources of financing for adopted capital budgets for 1996 to 2001.

	Adopted Capital Budgets					
	1996	1997	1998	1999	2000	2001
Province of Manitoba, Highways Branch						
Pembina Hwy / La Salle Bridge	2,869	-	-	-	-	-
Provincial Funding for Residential Street Renewals	5,000	-	5,000	5,000	-	-
Provincial Funding for Millennium Library	-	-	-	3,000	-	-
Province of Manitoba VLT Revenue for Convention Centre	-	-	-	-	1,300	300
Provincial Share of Flood Prevention Costs - Flood Rehabilitation	-	-	7,528	5,019	-	-
Provincial Share of Flood Prevention Costs - Flood Prevention, Civic Buildings	-	-	99	-	-	-
Federal Funding for Millennium Library	-	-	-	3,000	-	-
Provincial / Federal Contribution - Permanent Secondary Dikes	-	-	-	-	-	3,800
Retained Earnings / Working Capital:						
Waterworks System Retained Earnings	-	-	-	-	3,625	225
Sewage Disposal System Retained Earnings	4,750	400	950	5,334	2,860	4,075
Hydro - Working Capital	4,414	-	-	-	-	-
Recoveries / Private Funding:						
Developer Capacity Charges	82	-	-	-	500	175
Wpg Library Foundation (Millennium Library)	-	-	3,000	5,000	-	-
TOTAL NON-DEBENTURE FINANCING	**85,905**	**69,947**	**113,875**	**120,338**	**105,563**	**120,064**
DEBENTURES:						
Tax Supported - General	25,801	18,213	-	-	-	-
- Transit	1,644	650	1,062	-	-	-
Total Tax Supported	27,445	18,863	1,062	-	-	-
Other Utilities	14,991	21,020	18,770	22,085	29,390	37,815
TOTAL DEBENTURES	**42,436**	**39,883**	**19,832**	**22,085**	**29,390**	**37,815**
Borrowing Authority in Excess of Requirement*		(1,718)				
TOTAL GROSS CAPITAL	**128,341**	**108,112**	**133,707**	**142,423**	**134,953**	**157,879**

---

* After adoption of the 1997 estimates, provincial funding under the UCPA agreement was confirmed at a greater amount than had been estimated, resulting in the authorized borrowing being greater than required.

HISTORICAL ANALYSIS - APPLICATION OF FUNDS ($000's)

The following information, organized by function, provides a historical analysis of adopted capital budgets for 1996 to 2001.

		Adopted Capital Budgets					
		1996	1997	1998	1999	2000	2001
TAX SUPPORTED CAPITAL							
Public Works	- Regional	36,359	22,230	32,448	11,999	15,360	31,468
	- Local	6,013	661	13,421	14,650	6,066	5,887
	- Special Projects	100	250	-	350	650	325
	- Parks & Open Spaces	-	-	-	1,298	839	871
	- Building Services	-	-	-	1,773	1,162	1,023
Land Drainage and Flood Control							
	- Regional	3,822	1,442	6,372	9,129	10,359	12,469
	- Residential	5,586	9,880	8,380	9,632	10,530	12,380
Parks and Recreation		2,665	616	155	-	-	-
Winnipeg Police Service		2,257	4,468	1,935	2,488	3,750	441
Fire Paramedic Service		1,466	1,676	164	2,122	1,390	1,000
	- Watermain	1,051	544	519	-	-	-
Corporate Services	- Special Projects	3,150	3,185	4,059	6,429	5,216	3,318
Community Services	- Special Projects	403	868	954	2,633	2,120	2,257
	- Libraries	226	2,295	4,000	11,000	-	-
Planning, Property and Development							
- Civic Accommodations	- Accommodations	9,785	1,607	267	2,672	641	1,683
	- Special Projects	455	-	727	1,531	300	650
- Planning & Land Use	- MWCRP	1,500	750	1,500	1,500	2,250	2,050
	- Special Projects	-	-	-	1,850	1,250	-
	- Intergovernmental Agreements (WDA/Core)	2,000	3,871	1,681	3,342	3,548	2,558
- Corporate Programs		-	-	-	532	1,500	-
Special Projects	- Various Departments	6,000	7,128	7,528	2,700	4,700	2,618
Infrastructure Repair Costs, 1997 Flood		-	-	9,028	6,019	-	-
Transit System		6,629	8,319	9,929	10,426	11,227	10,911
Total Tax Supported Capital Excluding Local Improvements		89,467	69,790	103,067	104,075	82,858	91,909
Local Improvements		1,030	-	-	259	800	455
Total Tax Supported Capital		**90,497**	**69,790**	**103,067**	**104,334**	**83,658**	**92,364**
UTILITY SUPPORTED CAPITAL							
Hydro Electric System		14,590	20,820	17,790	18,370	29,390	37,815
Waterworks System	- Regional	16,750	16,482	10,480	12,215	17,625	15,725
	- Residential	415	-	-	-	-	-
Sewage Disposal System	- Regional	5,050	600	1,950	7,084	3,860	11,555
	- Residential	839	420	420	420	420	420
Solid Waste Utility		200	-	-	-	-	
Total Utility Supported Capital		**37,844**	**38,322**	**30,640**	**38,089**	**51,295**	**65,515**
TOTAL GROSS CAPITAL		**128,341**	**108,112**	**133,707**	**142,423**	**134,953**	**157,879**

Exhibit 5: Statement of Current and Potential Debenture Debt

		in 000's
As at December 31, 1999:		
Outstanding Debt	$	1,207,584
LESS:		
Sinking Fund		(345,859)
Net Debt		861,725
Outstanding Capital Borrowing Authorizations		202,100
Projected Debt as of December 31, 1999		1,063,825
ADD:		
Debt Authorized in 2000 Budget		29,400
Debt to be Refinanced		80,946
LESS:		
Debt Maturing during 2000		(141,322)
Sinking Fund Accumulation including interest during 2000		(8,520)
Projected Debt as of December 31, 2000	**$**	**1,024,329**
ADD:		
Debt Forecasted in 2001 Budget		37,800
LESS:		
Net Debt Maturing during 2001		(11,639)
Projected Sinking Fund accumulation during 2001		(54,830)
Net Cancelled Borrowing Authorization		(65,074)
Potential Net Debt as of December 31, 2001	**$**	**930,586**

Note:

Includes Charleswood Bridge lease obligation and current portion of long-term debt. Does not include debt incurred by Winnipeg Enterprises Corporation and Winnipeg Housing Rehabilitation Corporation.

Exhibit 6: Cash Flow Projections for 2001 to 2006 Capital Program

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
SUMMARY OF GROSS CAPITAL PROGRAM								
TAX-SUPPORTED								
Local Improvements	387	492	500	500	585	600	90	3,154
Public Works	32,948	53,293	40,785	34,902	34,223	38,829	5,954	240,934
Land Drainage and Flood Control	24,849	28,309	21,574	23,574	25,855	25,230		149,391
Community Services	975	1,895	2,006	1,842	2,991	1,071	611	11,391
Community Incentive Grants	385	837	1,107	1,320	1,362	1,393	1,532	7,936
Winnipeg Police Service	50	391		2,423	596	322		3,782
Fire Paramedic Service		750	1,191		741	1,679		4,361
Planning, Property and Development	6,432	5,660	8,358	11,790	7,050	4,392		43,682
Corporate Finance		5,061	2,500	1,500	2,500	2,500		14,061
City Clerks	600	300	110	100	200	200		1,510
Corporate Services	2,987	1,065	3,266	3,685	3,064	2,496		16,563
Property Assessment			500	500			1,000	2,000
Hydro Street Lighting			100	350	350	350		1,150
Non-departmental	602	3,400			2,674	2,054		8,730
Gross Tax-Supported General	**70,215**	**101,453**	**81,997**	**82,486**	**82,191**	**81,116**	**9,187**	**508,645**
Transit	100	22,622	2,200	25,056	15,520	21,744	200	87,442
Gross Total Tax-Supported Including Transit	**70,315**	**124,075**	**84,197**	**107,542**	**97,711**	**102,860**	**9,387**	**596,087**
UTILITIES								
Hydro Electric System	27,815	35,165	38,805	44,055	35,965	31,115	8,900	221,820
Waterworks System	15,600	18,040	36,943	92,150	93,370	9,465		265,568
Sewage Disposal System	4,237	17,340	20,973	14,500	15,215	9,285		81,550
Gross Total Utilities	**47,652**	**70,545**	**96,721**	**150,705**	**144,550**	**49,865**	**8,900**	**568,938**
GROSS TOTAL CAPITAL PROGRAM	**117,967**	**194,620**	**180,918**	**258,247**	**242,261**	**152,725**	**18,287**	**1,165,025**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	**2001 ($000s) CASH FLOW**	**2002 ($000s) CASH FLOW**	**2003 ($000s) CASH FLOW**	**2004 ($000s) CASH FLOW**	**2005 ($000s) CASH FLOW**	**2006 ($000s) CASH FLOW**	**Beyond ($000s) CASH FLOW**	**Total ($000s) CASH FLOW**
CAPITAL PROJECTS LISTING								
PUBLIC WORKS								
LOCAL IMPROVEMENTS (L.I.) - Ongoing Program	**387**	**492**	**500**	**500**	**585**	**600**	**90**	**3,154**
REGIONAL STREETS								
New Transportation Facilities:								
Moray St Extension to Grant Ave	850	6,054	1,042					7,946
Total New Transportation Facilities	**850**	**6,054**	**1,042**					**7,946**
Street Improvements:								
Kenaston Blvd - Academy Rd to Taylor Ave	85	100	100	355	995	165		1,800
Regent Ave - Panet Rd to Rougeau Ave Council approved $2.1 million as first Call against year 2001 on Apr 26/00	1,957							1,957
Dakota St - Abbotsford Cr to Paddington Rd				2,414	476			2,890
- Developers				283				283
St Anne's Rd - Novavista Dr to Warde Ave						255	45	300
Total Street Improvements	**2,042**	**100**	**100**	**3,052**	**1,471**	**420**	**45**	**7,230**
Regional Street Renewals:								
Street Renewals - Annual Program		5,950	6,524	10,128	9,765	9,768	1,470	43,605
Cumberland Ave - Maryland St to Hargrave St	272	48						320
Bishop Grandin Blvd - St Anne's Rd to the Fort Garry Bridge	680	800	120					1,600
Inkster Blvd - Main St to Arlington St	170	200	200	200	200	200	30	1,200
Waverley St - Wilkes St to Clarence Ave	1,543	272						1,815
Portage Ave Eastbound - St Charles St to David St	371	65						436
Grant Ave - Chalfont Rd to Shaftesbury Blvd	1,241	219						1,460
Portage Ave Westbound - Sharp Blvd to Marjorie St	1,339	236						1,575
Total Street Renewals	**5,616**	**7,790**	**6,844**	**10,328**	**9,965**	**9,968**	**1,500**	**52,011**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
Waterway Crossings and Grade Separations:								
Waterway Crossings and Grade Separations - Annual Maintenance Program		1,105	4,318	2,564	3,937	5,943	935	18,802
Route 90 Underpass at Logan Ave	213	37						250
Bridge Deck Restoration - Deck Sealing Program	340	60						400
Culvert Replacement Program - Ellice Ave at Omand's Creek	800	50						850
Arlington Overpass	300	50						350
Provencher Bridge	15,000	13,900	10,000	8,000	6,100			53,000
- Interim Financing		13,100	1,000	(8,000)	(6,100)			
Disraeli Bridge and Overpass Facility	85	143	236	166	873	3,972	675	6,150
Total Waterway Crossings & Grade Separations	**16,738**	**28,445**	**15,554**	**2,730**	**4,810**	**9,915**	**1,610**	**79,802**
Traffic Improvement Study - North of Polo Park	170	30						200
Traffic Engineering Improvement Various Locations	387	493	500	925	1,000	1,000	150	4,455
Pedestrian and Cycle Facilities - Various Locations	255	300	300	300	300	470	75	2,000
Land Acquisition - Transportation Rights-of-Way - Various Locations				510	90			600
TOTAL REGIONAL STREETS	**26,058**	**43,212**	**24,340**	**17,845**	**17,636**	**21,773**	**3,380**	**154,244**
LOCAL STREETS								
Residential Street Renewal - Various Locations	4,366	7,433	8,656	9,585	10,056	10,017	1,500	51,613
Curb Repair Program - Various Locations	213	250	250	250	250	250	37	1,500
Lane Renewals - Various Locations			1,089	2,111	1,189	1,831	297	6,517
Sidewalk Renewals - Various Locations	425	500	662	868	900	900	135	4,390
TOTAL LOCAL STREETS	**5,004**	**8,183**	**10,657**	**12,814**	**12,395**	**12,998**	**1,969**	**64,020**
Asset Management System - Regional and Residential Streets	276	185	194	136	189	264	41	1,285
Land Drainage Sewers - Various Locations		212	250	250	250	250	38	1,250
TOTAL REGIONAL AND LOCAL STREETS (not incl. L.I.)	**31,338**	**51,792**	**35,441**	**31,045**	**30,470**	**35,285**	**5,428**	**220,799**
TOTAL REGIONAL AND LOCAL STREETS (incl. L.I.)	**31,725**	**52,284**	**35,941**	**31,545**	**31,055**	**35,885**	**5,518**	**223,953**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
PARKS AND OPEN SPACE								
Aesthetically Improved Streets - Improvements			85	112	235	218	32	682
Reforestation Program - Improvements	255	470	500	401	446	494	74	2,640
Athletic Fields - Development			223	182	25	524	92	1,046
Athletic Fields - Improvements	170	30	85	183	621	104		1,193
Parks - Development			1,760	731	306	168	24	2,989
Parks - Improvements	315	331	269	289	299	215	30	1,748
Total Parks and Open Spaces	**740**	**831**	**2,922**	**1,898**	**1,932**	**1,723**	**252**	**10,298**
BUILDING SERVICES								
Community Centres - Refurbishing and Improvements	187	377	1,040	513	358	351	55	2,881
Building Refurbishing/Improvements - Arenas			510	532	227	175	26	1,470
Building Refurbishing/Improvements - Indoor Aquatic Facilities	564	272	404	423	361	350	52	2,426
Building Refurbishing/Improvements - Outdoor Aquatic Facilities			128	23	166	195	28	540
Building Refurbishment/Improvements - Community Facilities	119	21	340	468	242	200	30	1,420
A/C Plant Refurbishing - Ozone Depletion Act Compliance					170	200	30	400
Fire/Life Safety Replacement/Asbestos Removal					191	225	34	450
Energy Conservation Initiatives					106	125	19	250
Total Building Services	**870**	**670**	**2,422**	**1,959**	**1,821**	**1,821**	**274**	**9,837**
TOTAL PUBLIC WORKS (not incl L.I.)	**32,948**	**53,293**	**40,785**	**34,902**	**34,223**	**38,829**	**5,954**	**240,934**
TOTAL PUBLIC WORKS (incl L.I.)	**33,335**	**53,785**	**41,285**	**35,402**	**34,808**	**39,429**	**6,044**	**244,088**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
COMMUNITY SERVICES								
Community Incentive Grant Program	**385**	**837**	**1,107**	**1,320**	**1,362**	**1,393**	**1,532**	**7,936**
Assiniboine Park Zoo Development		100		293	1,657	500		2,550
Assiniboine Park Zoo - Improvements	200	270	216	100	666			1,452
Computer Acquisition - Upgrade Reorganization and Customer Service	100	100	100					300
Library Replacements - Various					150	371	611	1,132
Millennium Library (Conditional Upon Other Funding Being in Place)		1,000	1,000	1,000				3,000
Security Systems - Various Branches			60	69				129
Community Computer Access Program	425	425	280	280				1,410
Assiniboine Park Amenities Improvements					268	200		468
Library Furniture Replacement Program			100	100				200
Integrated Property Based Information Systems	250		250		250			750
SUBTOTAL	**975**	**1,895**	**2,006**	**1,842**	**2,991**	**1,071**	**611**	**11,391**
TOTAL COMMUNITY SERVICES	**1,360**	**2,732**	**3,113**	**3,162**	**4,353**	**2,464**	**2,143**	**19,327**
WINNIPEG POLICE SERVICE								
P A R C S Replacement / Mobile Data Terminal Upgrade				2,423	418			2,841
Renovations - 5th Floor Public Safety Building					178	322		500
Telephone Intercept System Replacement	50	391						441
TOTAL WINNIPEG POLICE SERVICE	**50**	**391**		**2,423**	**596**	**322**		**3,782**
FIRE PARAMEDIC SERVICE								
Fire Station Rationalization (Combining Stations) No 4 and No 13		750	250					1,000
Replacement of No. 12 Fire Station						400		400
Fire Protection Systems Upgrade for 3 Storey Fire Stations			263					263
Water Main Extension for Fire Fighting Training			399					399
Fire Information Network			279					279
Burn Building Simulator					441			441
Fire Station Rationalization (Combining Stations) No. 9 and No 21					300	1,279		1,579
TOTAL FIRE PARAMEDIC SERVICE		**750**	**1,191**		**741**	**1,679**		**4,361**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
PLANNING, PROPERTY AND DEVELOPMENT								
CIVIC ACCOMMODATIONS								
General Building Renovation and Refurbishing		209	400	600	500	500		2,209
Civic Buildings, Barrier Free Access	206	206		104		150		666
Removal of Asbestos	168	84	84	168		200		704
Administration Building Alterations				400				400
510 Main Street - Elevator Controls		390						390
Council Building Redevelopment	500							500
Fire Safety Upgrading - Various Locations		100	400			200		700
Central Yard Relocation				2,982	500			3,482
Major Building HVAC Upgrades						500		500
Building Envelope, Evaluation and Emergency Repair						500		500
510 Main Courtyard Redevelopment		1,092						1,092
Expand Archibus Program to Integrate with Maximo System		100	100					200
Total Civic Accommodations	**874**	**2,181**	**984**	**4,254**	**1,000**	**2,050**		**11,343**
Special Projects:								
Public Safety Building Exterior Cladding		550	3,000	1,500	1,000			6,050
Concourse Upgrading	300							300
Computer Automation					200			200
Cooling Plant Refurbishing		300	850					1,150
Energy Conservation				225	200	200		625
Tenant Improvement Prepayment Major Department					600	500		1,100
Historic Building Stabilization			800		500			1,300
Total Civic Accommodations Special Projects	**300**	**850**	**4,650**	**1,725**	**2,500**	**700**		**10,725**
Total Civic Accommodations	**1,174**	**3,031**	**5,634**	**5,979**	**3,500**	**2,750**		**22,068**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
OTHER DIVISIONS								
Streetscaping						242		242
Riverbank Stabilization for City-Owned Riverbanks	200	200	200	200	200			1,000
Land Acquisition - Riverbank			150		300			450
Riverbank Greenway Programs		104	358		350			812
Land Acquisition For General Unspecified Purposes	250	300	300	210	300			1,360
Cemeteries - Improvements			166	501		200		867
Implementation and Expansion of BUILD	200	125	100					425
Document Imaging and Management with BUILD		200						200
Subtotal	**650**	**929**	**1,274**	**911**	**1,150**	**442**		**5,356**
Manitoba/Winnipeg Community Revitalization Program (MWCRP):								
West End MWCRP	750	750	250					1,750
St. Boniface MWCRP	1,300	950						2,250
Wolseley MWCRP			1,000	2,000				3,000
Burrows Central MWCRP				1,900	1,000	100		3,000
Luxton MWCRP				1,000	900	1,100		3,000
Neighbourhood to be named					500			500
Total Manitoba/Winnipeg Community Revitalization Program	**2,050**	**1,700**	**1,250**	**4,900**	**2,400**	**1,200**		**13,500**
Intergovernmental Agreements (former CORE):								
Winnipeg Development Agreement	2,558							2,558
Total Intergovernmental Agreements	**2,558**							**2,558**
Total Other Divisions	**5,258**	**2,629**	**2,524**	**5,811**	**3,550**	**1,642**		**21,414**
Parks Development - Developer Payback			200					200
Total Corporate Programs			**200**					**200**
TOTAL PLANNING, PROPERTY AND DEVELOPMENT	**6,432**	**5,660**	**8,358**	**11,790**	**7,050**	**4,392**		**43,682**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
CORPORATE FINANCE								
Financial Management System		**5,061**	**2,500**	**1,500**	**2,500**	**2,500**		**14,061**
CITY CLERKS								
Office Automation - City Clerks	100			100	200	200		600
Electronic Records Management	350	200	110					660
Election Systems	150	100						250
TOTAL CITY CLERKS	**600**	**300**	**110**	**100**	**200**	**200**		**1,510**
CORPORATE SERVICES								
Special Projects:								
Communications Network Infrastructure	250	466	600	700	934	610		3.560
Network Computing Initiatives			166	402	450	204		1.222
Land Based Information System (See Also Related Funding in Waterworks System and Sewage Disposal System Budgets)	251	99						350
E-Government		500	2.000	2,583	1,680	1,682		8.445
Desktop Standardization	250							250
Enterprise Resource Planning System	2.236		500					2.736
TOTAL CORPORATE SERVICES	**2,987**	**1,065**	**3,266**	**3,685**	**3,064**	**2,496**		**16,563**
PROPERTY ASSESSMENT								
Assessment Automation			**500**	**500**			**1,000**	**2,000**
NON-DEPARTMENTAL PROJECTS								
Convention Centre Cladding	300	1.700						2.000
- Provincial Funding from VLT Revenues	300	1.700						2.000
Special Innovative Capital	2				2,674	2,054		4 730
TOTAL NON-DEPARTMENTAL PROJECTS	**602**	**3,400**			**2,674**	**2,054**		**8.730**

CAPITAL PROJECTS SUMMARY **FUNCTION/PROJECT**	**2001 ($000s) CASH FLOW**	**2002 ($000s) CASH FLOW**	**2003 ($000s) CASH FLOW**	**2004 ($000s) CASH FLOW**	**2005 ($000s) CASH FLOW**	**2006 ($000s) CASH FLOW**	**Beyond ($000s) CASH FLOW**	**Total ($000s) CASH FLOW**
TRANSIT								
Bus Radio System Replacement with AVL Enhancement		1,000	2,000	2,000	960			5,960
Regular Transit Buses								
- Transit Bus Replacement Reserve		10,818		11,490	5,913	6,082		34,303
- Province - UCPA III		6,000						6,000
- Province - UCPA III Unconditional		4,604						4,604
- Province - UCPA IV				6,000	3,000	3,000		12,000
- Province - UCPA IV Unconditional				5,266	2,797	2,962		11,025
Fare Collection System					2,000	4,000		6,000
Innovative Transit Program	100	200	200	200	600	700	200	2,200
Transit Building Replacement/Refurbishment				100				100
Southwest Transit Corridor					250	5,000		5,250
GROSS TRANSIT BUDGET	**100**	**22,622**	**2,200**	**25,056**	**15,520**	**21,744**	**200**	**87,442**
TRANSIT INTERNAL FINANCING	**100**	**1,200**	**2,200**	**2,300**	**3,810**	**9,700**	**200**	**19,510**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
HYDRO ELECTRIC SYSTEM								
Tax-Supported Portion - Street Lighting								
Replace Wood Pole Lighting with Ornamental Lighting			100	100	100	100		400
Upgrading Lighting Plant on Bridges				250	250	250		750
TOTAL HYDRO - TAX-SUPP. PROGRAM			**100**	**350**	**350**	**350**		**1,150**
Utilities Supported Portion								
Pointe du Bois Generating Station:								
Tramway Building Replacement	100	350	300					750
Replace Turbine/Generator Units No 3 & 4	7,000	14,000	8,000					29,000
Replace Turbine/Generator Units No 7 and 5 (Straflo Units 5 and 6)			6,500	8,000		6,500	8,000	29,000
Rehabilitate Main Spillway Rollways/Piers and Replace Sluicegates/Hoisting Equipment	1,500	1,000		1,500	1,000			5,000
Replace Transformer No 2 and No 5, 6 9 kV 138 kV switchgear and re-terminate Generators 5 to 10	1,500	1,000						2,500
Powerhouse Life Extension Program	2,000	2,000	2,000	2,000	2,000	2,000		12,000
Replace Transformers No 3 & 6 and 6 9 kV/138 kV Equipment Re-terminate Generators 11 to 14				2,000	1,250			3,250
Control Room Upgrade			250	250	250			750
SCADA and Control Systems			250	250	250	250		1,000
Slave Falls Generating Station: Replace Obsolete Powerhouse Equipment - Transformers Governors, etc			1,500	2,500	1,000			5,000
Rewind No 2 Generator Stators & Rehabilitate Turbine			2,400					2,400
Repair of Creek Spillway Rollways and Piers	1,500	2,500						4,000
Rehabilitate Main Unit Headgates and Roller Paths		800	800	800	800			3,200
Rehabilitate Sluicegates and Hoisting Equipment	700	500	500	500	500	500		3,200
Replace Obsolete Remote Supervisory Control with SCADA	250							250
Rehabilitate Powerhouse Structure			200	500	1,000	1,000		2,700
Upgrade Control House Equipment					500			500
Automate Local Service Generators	500							500
Design, Fabricate and Test Fully Homologous Turbine Runner		200	1,000					1,200
Rehabilitate Main Unit Turbines				1,700	1,700	1,700		5,100

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
Enhancement Projects - Channel Improvements (Sturgeon Falls)	500			2,000	3,000			5,500
Transmission lines:								
Pointe du Bois Lines - Upgrade Transmission Lines	5,400	6,300	6,300	6,000	6,000	9,000		39,000
Winnipeg Lines - Installation of 69 KV Cable Between No 3, No 12 and No 11 Substations			1,500	1,500	1,350			4,350
Distribution - Various Substations:								
Various Substations - Capacitors	100	100	100	100	100	100		600
Various Substations - Relay System	250	250	250	250	250	250		1,500
Various Substations - Potential Transformers				200				200
Various Substations - Circuit Breakers and Buswork	400	800	800	800	800	400		4,000
No 1 Substation - Terminate of 69 kV Cable				2,000				2,000
No 3 Substation - Termination of 69 KV cable from No 12 Substation			500	200				700
No 5 Substation - Manitoba Hydro/Wpg Hydro Interconnection					2,000			2,000
No 5 Substation - Upgrade - 69 kV Switchyard				500	500			1,000
No 6 Substation - Upgrade - 69 kV Switchyard					500	500		1,000
No 7 Substation - Substation Upgrade - Purchase and Install Electrical Equipment				1,500	1,500			3,000
No 9 Substation - Substation Upgrade - Purchase Electrical Equipment - Phase 1						850	900	1,750
No 19 Substation - Purchase Switchyard Property		200	300	500				1,000
No 21 Substation - Switchyard Wall					300			300
No 22 Substation - Purchase 69 kV/4 6 kV Transformers		400						400
Hydro Distribution:								
Central Control - SCADA				1,000		1,000		2,000
Substations Emergent Equipment	250	250	250	250	250	250		1,500
Replacement of Overhead Plant	500	100	100	100	100	100		1,000
Supply Load Increases	1,100	1,100	1,100	1,100	1,100	1,100		6,600
Supply New Customers - New Services	775	775	775	775	775	775		4,650
System Improvements & Replacements	1,200	1,000	1,000	1,000	1,000	1,000		6,200
Conversion of Downtown Area	300	300	300	300	300	300		1,800
Overhead to Underground Conversion of Major Streets				740	740	740		2,220
Image Route Improvements	500	500	500	500	500	500		3,000
Remove Overhead on Academy Rd from Kenaston to Cambridge					2,400			2,400

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
Miscellaneous: AEM Facility - Vehicle & Equipment Replacement	240	240	330	240	250	300		1,600
Operating Buildings - Building Rearrangement - Modifications to Operating Buildings - 1315 Notre Dame Ave	750	500	500	500				2,250
Customer Premises - Distribution Automation & Automatic Meter Reading			500	2,000	2,000	2,000		6,500
Operations - PSC - Control Building Renovation	500							500
GROSS HYDRO BUDGET (Utility supported)	**27,815**	**35,165**	**38,805**	**44,055**	**35,965**	**31,115**	**8,900**	**221,820**
HYDRO SUPPORTED DEBENTURES	**27,815**	**35,165**	**38,805**	**44,055**	**35,965**	**31,115**	**8,900**	**221,820**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
WATER & WASTE								
Tax-Supported Portion - Land Drainage and Flood Control								
LAND DRAINAGE - REGIONAL								
Combined Sewer Flood Relief								
- Sewer Frontage Levy Funding	7,500	7,500	7,200	7,200	7,200	7,200		43,800
Flood Relief Sewers - Separate								
- Sewer Frontage Levy Funding			300	300	300	300		1,200
Impoundment Shoreline Replacement/Upgrading	100	200		100	100	100		600
Regional Flood Protection	444	294	344	344	450	450		2,326
Flood Pumping Station Reliability Upgrades		1,000	1,000	1,500	1,100	1,100		5,700
Land Drainage Sewers Outfall Gate Structures		1,450	500	2,000	2,000	1,450		7,400
Development Agreement Paybacks								
- Developer Capacity Charges Financing	175	335			600	600		1,710
Flood Activity / Emergency Information System		300						300
Floodplain Management		300						300
Permanent Secondary Dikes				500				500
- Provincial/Federal Contribution	3,800	5,000	600					9,400
St. Germain / Vermette Drainage Study	250							250
Permanent Land Drainage Pumping Station at Kilkenny and Rice					800			800
Seine River Waterway Acquisition	100	100	150	150	150	150		800
Primary Dike Upgrading						1,000		1,000
Bibeau Drain Inlet Structure and Safety Grate	100	250						350
Land Drainage Safety Upgrading Program			200	200	500	500		1,400
Fernbank Ave Land Drainage Sewer								
- Developer Capacity Charges Financing					875			875
South Tuxedo Stormwater Retention Basin								
- Developer Capacity Charges Financing					500	1,100		1,600
TOTAL LAND DRAINAGE - REGIONAL	**12,469**	**16,729**	**10,294**	**12,294**	**14,575**	**13,950**		**80,311**

CAPITAL PROJECTS SUMMARY

FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
LAND DRAINAGE - RESIDENTIAL								
Combined Sewer Renewals (Funded by Combined Sewer Renewal Reserve - Sewer Frontage Levy)	12,080	11,080	11,080	11,080	11,080	11,080		67,480
Outfall Maintenance	300	500	200	200	200	200		1,600
TOTAL LAND DRAINAGE - RESIDENTIAL	**12,380**	**11,580**	**11,280**	**11,280**	**11,280**	**11,280**		**69,080**
TOTAL LAND DRAINAGE AND FLOOD CONTROL	**24,849**	**28,309**	**21,574**	**23,574**	**25,855**	**25,230**		**149,391**
TOTAL LAND DRAINAGE AND FLOOD CONTROL INTERNAL FINANCING	**1,294**	**4,394**	**2,394**	**4,994**	**5,300**	**4,950**		**23,326**
WATER & WASTE - Utility Supported								
WATER WORKS SYSTEM - Utility Funding								
Long Term Zebra Mussel Mitigation (1)				300	300	400		1,000
Shoal Lake Aqueduct Condition Assessment & Rehabilitation - Aqueduct Renewal Reserve Funding	5,000	4,400	2,400					11,800
Saskatchewan Avenue Feedermain (1)			1,163					1,163
Water Treatment Plant - Functional & Detailed Design & Construction				34,000	68,000			102,000
- Water Treatment Reserve funding	3,000	6,000	26,000	50,000	12,000			97,000
GWWD Railway Bridge Replacement (1)		400	130					530
Lagimodiere Boulevard Feedermain Extension (1)					1,300			1,300
McPhillips Pumping Station - Natural Gas Engine Replacement (1)					1,250	750		2,000
MacLean Pumping Station - Natural Gas Engine Replacement (1)					2,000			2,000
Water SCADA Replacement (1)					1,275			1,275
Computerized Work Management System (1)		240	50	50	145	115		600
Chlorine System Improvement (1)			200	800				1,000
Branch II Aqueduct - Valves at Interconnection (1)					100	1,200		1,300
Midtown Feedermain - Assiniboine River Crossing Condition Assessment	100							100
Watermain Renewals (Funded from Watermain Renewal Reserve Fund - Watermain Frontage Levy)	7,500	7,000	7,000	7,000	7,000	7,000		42,500
(1) Financed from Waterworks Retained Earnings	100	640	1,543	1,150	6,370	2,465		12,268
GROSS WATERWORKS BUDGET (Utility Supported)	**15,600**	**18,040**	**36,943**	**92,150**	**93,370**	**9,465**		**265,568**

CAPITAL PROJECTS SUMMARY FUNCTION/PROJECT	2001 ($000s) CASH FLOW	2002 ($000s) CASH FLOW	2003 ($000s) CASH FLOW	2004 ($000s) CASH FLOW	2005 ($000s) CASH FLOW	2006 ($000s) CASH FLOW	Beyond ($000s) CASH FLOW	Total ($000s) CASH FLOW
SEWAGE DISPOSAL SYSTEM - Utility Funding								
Grit Handling Upgrade - NEWPCC (2)	1,250	1,250						2,500
Primary Clarifier Covers - NEWPCC (2)			300	3,000	3,900			7,200
Wastewater Disinfection - NEWPCC - Environmental Reserve Funding	867	9,380	4,753					15,000
Chlorine System Improvements - NEWPCC (2)			200	2,800				3,000
High River Level (Flood) Protection - NEWPCC (2)					750			750
High River Level (Flood) Protection - SEWPCC (2)		2,000						2,000
Capacity Study/Preliminary Engineering - SEWPCC (2)	200	500	1,500	1,500				3,700
Primary Clarifier Expansion - SEWPCC (2)		250	8,500					8,750
Wastewater Disinfection - WEWPCC - Environmental Reserve Funding				980	1,750			2,730
Lift Stations Upgrading (2)	250	250	250	250	250	250		1,500
Perimeter Road Pumping Station - Pump Upgrade (2)	500							500
Provencher Bridge - Reconstruction of Dumoulin Forcemain (2)	500							500
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve Funding	250	1,750	5,000	5,000	5,000	5,000		22,000
Warde Interceptor Sewer (2)		1,300						1,300
Inflow/Infiltration/Cross-Connection Study and Mitigation (2)					2,000			2,000
Sewer System Isolation in Areas Protected by Secondary Dikes (2)					1,000			1,000
Computerized Work Management System (2)		240	50	50	145	115		600
Boiler Replacements - NEWPCC (2)				500		700		1,200
Raw Sewage Pump Replacement - NEWPCC (2)						800		800
Outfall Upgrading - NEWPCC (2)						1,000		1,000
Biosolids - Alternative Disposal Study (2)						1,000		1,000
(2) Financed from Sewage Disposal Retained Earnings	2,700	5,790	10,800	8,100	8,045	3,865		39,300
TOTAL SEWAGE DISPOSAL - REGIONAL	**3,817**	**16,920**	**20,553**	**14,080**	**14,795**	**8,865**		**79,030**
RESIDENTIAL Wastewater Sewer Renewal (Funded from Wastewater Sewer Renewal Reserve - Sewer Frontage Levy)	420	420	420	420	420	420		2,520
TOTAL SEWAGE DISPOSAL - RESIDENTIAL	**420**	**420**	**420**	**420**	**420**	**420**		**2,520**
GROSS SEWAGE DISPOSAL BUDGET	**4,237**	**17,340**	**20,973**	**14,500**	**15,215**	**9,285**		**81,550**

Exhibit 7: Reconciliation of the Preliminary 2001 to 2006 Capital Program to the 2001 Capital Program Adopted by Council and 2002 to 2006 Capital Forecast

2001 ANNUAL CAPITAL ESTIMATES
AND
2002 TO 2006 FIVE-YEAR CAPITAL FORECAST
(in Millions of $)

		Capital Forecast					2001-2006
	2001	2002	2003	2004	2005	2006	Total
Gross Total Preliminary Capital Program	**$ 157.9**	**$ 178.1**	**$ 193.8**	**$ 240.4**	**$ 233.8**	**$ 161.0**	**$ 1,165.0**
Community Incentive Grants (increase by $200,000 in 2001)	0.2						0.2
Advance Integrated Property Based Information System project	0.3					(0.3)	-
Special Innovative Capital	(0.5)					0.3	(0.2)
Change: Portage Ave Westbound - Sharp Blvd to Marjorie St (from Sharp Blvd to Ferry Rd)							
Gross Total Capital Program Adopted by Council	**$ 157.9**	**$ 178.1**	**$ 193.8**	**$ 240.4**	**$ 233.8**	**$ 161.0**	**$ 1,165.0**

Exhibit 8: 2000 Supplementary Capital Estimates

THE CITY OF WINNIPEG

2000 SUPPLEMENTARY CAPITAL ESTIMATES

SUMMARY OF BORROWING AUTHORITY

Tax Supported	**14,699,820**
Utilities	**7,980,000**
Borrowing Authority Required	**22,679,820**

THE CITY OF WINNIPEG

2000 SUPPLEMENTARY CAPITAL ESTIMATES

ANALYSIS OF BORROWING AUTHORITY

Tax Supported		25,339,200
Less: Available financing		
-Previously Committed Province of Manitoba UCPA Funding	(977,700)	
-1991 to 1995 Borrowing Authority Pre-Financing	(9,661,680)	(10,639,380)
Tax Supported Borrowing Authority Required		**14,699,820**
Utilities		
Transit System	1,034,600	
Less: 1991 to 1995 Borrowing Authority Pre-Financing	(264,600)	770,000
Waterworks System	2,081,700	
Less: Financing from Waterworks System Retained Earnings	(2,081,700)	0
Sewage Disposal System	8,761,900	
Less: Financing from Sewage Disposal System Retained Earnings	(6,731,200)	
Environmental Projects Reserve	(2,030,700)	0
Solid Waste Disposal System		7,210,000
Utilities Borrowing Authority Required		**7,980,000**

THE CITY OF WINNIPEG
2000 SUPPLEMENTARY CAPITAL ESTIMATES
SUMMARY BY PROJECT

TAX SUPPORTED

	Page #		
Public Works			
-Land Acquisition, Various Projects	4 - 43	$ 2,306,400	
-Water Play Area/Playground	4 - 44	12,900	
-Seven Oaks Pool - Brick Repair	4 - 45	135,800	
-Seven Oaks Pool - Roof Replacement	4 - 46	74,400	
-Whittier Park	4 - 47	3,400	
-Sargeant Park Arena Service Building	4 - 48	56,000	
-Wynford Park	4 - 49	36,100	
-Seine River Walkway	4 - 50	8,500	
-Kilcona Landfill Site Development	4 - 51	4,400	
-Recreation Building-King & Stella Walk	4 - 52	30,300	
-Inkster Boulevard	4 - 53	38,300	
-Route 20 Overpass (CNR Reddit)	4 - 54	479,800	
-Dakota Waterplay Park	4 - 55	8,100	
-Lagimodiere Boulevard	4 - 56	6,300	
-Main/Norwood Bridges Project	4 - 57	205,000	
-Portage Avenue Culvert/Underpass (Omands Creek)	4 - 58	147,100	
-Roadside Safety Improvements	4 - 59	107,900	
-Charleswood Bridge	4 - 60	850,600	
-Pembina Highway-rue des Trappistes to South City Limit	4 - 61	31,400	
-Graham Avenue Transit Mall	4 - 62	900	
-Nairn Avenue-Grey Street to Panet Road	4 - 63	190,700	
-Dunkirk Drive-St Mary's Road to St. Vital Bridge	4 - 64	39,000	
-C.N.R. Main Line Railway Crossing Improvements	4 - 65	83,900	
-Traffic Control Signals and Pedestrian Corridors	4 - 66	202,400	
-Pedestrian and Cycle Facilities	4 - 67	36,600	
-Miscellaneous Street Lighting Improvements	4 - 68	31,600	
-Land Acquisition Transportation Right of Way	4 - 69	1,312,700	
-Assiniboine Park Roadways/Parking Lots	4 - 71	7,100	
-Harbour View South Park	4 - 72	134,000	
-Sherbrook Pool	4 - 73	2,200	
-St James Civic Centre	4 - 74	2,500	
-Victoria Community Centre	4 - 75	22,500	
-Seven Oaks Pool	4 - 76	97,100	
-Brandon Avenue Snow Dump - Site Cleanup	4 - 77	30,000	
-Arthur-Wright Duval, Dunham and Maple Glen Parks	4 - 78	16,900	
-Palmerston Park	4 - 79	4,400	
-Replacement of Turf with Hard Surfacing Material	4 - 80	45,200	
-Margaret Grant Pool	4 - 81	139,100	
			6,941,500

TAX SUPPORTED continued

	Page #		
Land Drainage			
-Weed & Algae Management Program	4 - 82	410,000	
-Basement Flooding Relief-Preliminary Engineering	4 - 83	47,500	
			457,500
Community Services			
-North-West Branch	4 - 84	59,900	
-Sports Facility Program	4 - 85	340,000	
-Assiniboine Park Conservatory Restaurant	4 - 86	98,800	
-Community Incentive Grants	4 - 87	57,200	
-Meeting & Program Space-Various	4 - 88	41,700	
			597,600
Police			
-Photo Radar	4 - 89	20,500	
			20,500
Planning, Property & Development			
-Centennial Library Roof Replacement	4 - 90	234,300	
-Weather Protected Pedestrian System	4 - 91	883,600	
-Land Acqusition-Various	4 - 92	81,800	
-Central Yard Relocation	4 - 93	8,828,200	
-District 6 Operations Yard & Parks & Rec	4 - 94	719,700	
-Campus Plan	4 - 95	1,300	
-Public Safety Building	4 - 96	6,500	
-Demolition of Former Swift Plant	4 - 97	22,800	
-Riverbank Walkway/Bicycle Path System/Stabilization	4 - 98	5,100	
-Energy Conservation-General	4 - 99	35,200	
-1168 Dakota - Rehabilitation of Structural Floor	4 - 100	105,300	
-395 Main St. - Prepayment of Tenant Improvements	4 - 101	23,600	
-Streetscaping - Various Locations	4 - 102	22,100	
-Heritage Building Support Program	4 - 103	4,100	
-Land Acquisition for Riverbanks	4 - 104	74,200	
-Winnipeg Development Agreement	4 - 105	3,669,500	
			14,717,300
Corporate Finance			
-Financial Management System	4 - 106	1,770,300	
			1,770,300
Property Assessment			
-Assessment Automation	4 - 107	834,500	
			834,500
TOTAL TAX SUPPORTED			**$ 25,339,200**

UTILITIES

	Page #		
Transit			
-Automatic Passenger Counting System	4 - 108	434,600	
-Southwest Corridor	4 - 109	600,000	
			1,034,600
Waterworks System			
-West End Pressure Improvement	4 - 110	15,000	
-Deacon Reservoir Cells 3 & 4	4 - 111	605,300	
-W. D. Hurst Pumping Station Upgrade	4 - 112	37,300	
-Intake Upgrading	4 - 113	781,700	
-Developer Agreement Payback AG57/86	4 - 114	20,000	
-Regional Water Supply Instrumentation Control	4 - 115	7,700	
-Utility Billing System	4 - 116	566,600	
-Wilkes Reservoir South Cell Rehabilitation	4 - 117	48,100	
			2,081,700
Sewage Disposal System			
-Dumoulin Secondary Sewer Relocation	4 - 118	66,300	
-Heating System Upgrade	4 - 119	296,000	
-Regional Sewer Engineering	4 - 120	1,002,800	
-Secondary Clarifier Re-Roofing	4 - 121	1,000,000	
-SEWCC Treatment Plant Expansion	4 - 122	1,106,300	
-WEPCC Treatment Plant Expansion	4 - 123	2,404,500	
-WEPCC Disinfection of Effluent	4 - 124	520,000	
-CSO Study - Collection, Monitoring, Control & Data Logging	4 - 125	1,510,700	
-Utility Billing System	4 - 126	651,700	
-Pumping Station-Victoria Crescent & Lotus Lane	4 - 127	8,700	
-Combined Sewer Renewal-Byle/Syndicate	4 - 128	194,900	
			8,761,900
Solid Waste Disposal			
-District 6 Landfill Expansion	4 - 129	5,003,700	
-District 2 Landfill Closure	4 - 130	630,400	
-Landfill Site Acquisition	4 - 131	1,575,900	
			7,210,000
TOTAL UTILITIES			**19,088,200**

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Land Acquisition, Various Projects

Company: General Capital Fund
Centre No: 03-118xxx-5100970701
Program/Service: Street Improvements

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:
Outstanding property acquisitions relating to Street Improvements.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5191030701	Regent Ave Stage I	6,933,000	6,590,800	342,200
5192030701	Regent Ave Stage II	5,722,000	5,529,000	193,000
5191070702	Munroe Ave.	634,000	591,400	42,600
5191070703	Grant Ave.	361,600	283,100	78,500
5191100701	Beecher Dassf	28,500	6,800	21,700
5192030703	McGregor St. Extension	430,000	394,900	35,100
5193010701	McGregor St. Extension	1,427,000	1,105,400	321,600
5192030705	Shaftesbury Blvd.	2,000,000	1,619,700	380,300
5193030701	Pembina Hwy	1,421,000	1,348,200	72,800
5193030702	Kenaston Boulevard	400,000	170,800	229,200
5193070703	Lagimodiere Boulevard	191,000	159,000	32,000
5193970501	Evans Cusson	145,000	55,300	89,700
5193970701	Outstanding Land	501,000	33,300	467,700
	Acquisitions	20,194,100	17,887,700	2,306,400

Reason
Property acquisitions incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	380	467					1,459	2,306
Funded by:								
Debt	380	467					1,459	2,306

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Water Play Area/Playground

Company: General Capital Fund
Centre No: 03-118xxx-5400970501
Program/Service: Recreation & Leisure

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-43

Project Description:

Water Play Area/Playground in South St. Vital complete with bath-house/change rooms, play-ground equipment.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5491450501	Water Play Area	412,500	399,600	12,900

Reason

Work to be completed in 2000. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	12							12
Funded by:								
Debt	12							12

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Seven Oaks Pool-Brick Repair

Company: General Capital Fund
Centre No: 03-118xxx-5400970301
Capital Priority Rating: 1-4
Program/Service: Community Recreation Facility Maintenance
Plan Winnipeg Indicator: 6F-01

Project Description:

Seven Oaks Pool Brick Repair

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5491520301	Seven Oaks Pool Brick Repair	1,174,100	1,038,300	135,800

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	136							136
Funded by:								
Debt	136							136

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Seven Oaks Pool-Roof Replacement

Company: General Capital Fund
Centre No: 03-118xxx-5400970701
Capital Priority Rating: 1-4
Program/Service: Community Recreation Facilities Replacement
Plan Winnipeg Indicator: 6F-01

Project Description:

Seven Oaks Pool Roof Replacement

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5491520702	Seven Oaks Pool Roof Replacement	107,500	33,100	74,400

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	74							74
Funded by:								
Debt	74							74

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Whittier Park

Company: General Capital Fund
Centre No: 03-118xxx-5400970702
Program/Service: Regional Parks-Development

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-43

Project Description:

Whittier Park: Phase I of a multi-phase program of road parking lot and landscape development.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5492010701	Whittier Park	500,000	496,600	3,400

Reason

Work to be completed in 2000. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	3							3
Funded by:								
Debt	3							3

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Sergeant Park Arena Service Bldg.

Company: General Capital Fund
Centre No: 03-118xxx-5400970101
Program/Service: Community Recreation Facility Improvements

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 6F-01

Project Description:

Sergeant Park Arena Service Building: Renovations and addition to the Sergeant Park Arena Service Building to accommodate a new mechanical room and equipment and handicap access.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5492560101	Sergeant Park Arena Service Building	235,000	179,000	56,000

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	56							56
Funded by:								
Debt	56							56

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Wynford Park

Company: General Capital Fund

Centre No: 03-118xxx-5400970401 — Capital Priority Rating: 1-4

Program/Service: Community Parks Develeopment — Plan Winnipeg Indicator: 5C-43

Project Description:

Wynford Park - Phase 1: To develop a 3.4 Hectare site in Transcona located North of Kildare between Wynford Drive and McMeans Avenue.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5493450401	Wynford Park	122,000	85,900	36,100

Reason

Project involves private funds matching. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)						36		36
Funded by:								
Debt						36		36

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Seine River Walkway

Company: General Capital Fund
Centre No: 03-118xxx-5400970502
Program/Service: Community Parks Development

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 3E-05

Project Description:

Seine River Walkway

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5493450507	Seine River Walkway	20,000	11,500	8,500

Reason

Work to be completed in 2000. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	8							8
Funded by:								
Debt	8							8

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Kilcona Landfill Site Development

Company: General Capital Fund
Centre No: 03-118xxx-5400970703
Program/Service: Regional Park Development

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-35

Project Description:

Kilcona Landfill Site: Continuation of development of multi-purpose recreation facilities.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5493910701 (which replaced 5486010701)	Kilcona Regional Park	41,000	36,600	4,400

Reason

Work to be completed in 2000. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	4							4
Funded by:								
Debt	4							4

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Recreation Building-King & Stella Walk

Company: General Capital Fund

Centre No: 03-118xxx-5400970302 | Capital Priority Rating: 1-4

Program/Service: Community Recreation Facilities Development | Plan Winnipeg Indicator: 4C-01

Project Description:

Recreation Building-King & Stella Walk: To build a 10,000 square foot neighbourhood recreation facility adjacent to the David Livingstone School, located at King and Stella Walk.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5491500301	Recreation Building-King & Stella Walk	1,075,000	1,044,700	30,300

Reason

Work to be completed in 2000. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	30							30
Funded by:								
Debt	30							30

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Inkster Boulevard

Company: General Capital Fund
Centre No: 03-118xxx-5100970702
Program/Service: Street Renewals

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Inkster Boulevard (Eastbound) - Keewatin Street to Lansdowne Avenue
(Westbound) - McPhillips Street to Keewatin Street

Concrete joint and slab repairs, asphalt overlay/resurfacing, curb repair and sidewalk construction/renewal.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194040703	Inkster Boulevard	1,785,000	1,746,700	38,300

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	38							38
Funded by:								
Debt	38							38

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Route 20 Overpass (CNR Reddit)

Company: General Capital Fund
Centre No: 03-118xxx-5100970703
Program/Service: Waterway Crossings and Grade Separations

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Route 20 Overpass (CNR Redditt): Abutment stabilization works and installation of approach roadway expansion joints.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194050702	Route 20 Overpass (CNR Redditt)	525,000	45,200	479,800

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	450	10	10	10				480
Funded by:								
Debt	450	10	10	10				480

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Dakota Waterplay Park
Company: General Capital Fund
Centre No: 03-118xxx-5400970503
Program/Service: Community Parks Development

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-43

Project Description:

Dakota Waterplay: Upgrading of Dakota Waterplay Park to meet Provincial Department of Health requirements.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5494450501	Dakota Waterplay Park	40,000	31,900	8,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	8							8
Funded by:								
Debt	8							8

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Lagimodiere Boulevard
Company: General Capital Fund
Centre No: 03-118xxx-5100970704
Program/Service: Intersection and Miscellaneous Traffic Improvements

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Lagimodiere Boulevard: Install separate left turn signal heads and replace the green arrow/circular red signal displays with circular green displays at signalized intersections on Lagimodiere Boulevard.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194070702	Lagimodiere Boulevard	189,000	182,700	6,300

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	6							6
Funded by:								
Debt	6							6

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Main/Norwood Bridges Project

Company: General Capital Fund
Centre No: 03-118xxx-5100970705
Capital Priority Rating: 3-4
Program/Service: Waterway Crossings and Grade Separations
Plan Winnipeg Indicator: 5C-03

Project Description:

Main/Norwood Bridges Project: Construction of two new river bridges, replacement structures for the two existing bridges and the CNR overpass.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194050705	Main/Norwood Bridge	21,537,327	21,459,300	78,000
5195050703	Main/Norwood Bridge	23,040,000	22,913,000	127,000
		44,577,327	44,372,300	205,000

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	205							205
Funded by:								
Debt	205							205

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Portage Avenue Culvert/Underpass (Omands Creek)

Company: General Capital Fund
Centre No: 03-118xxx-5100970706
Capital Priority Rating: 3-4
Program/Service: Waterway Crossings and Grade Separations
Plan Winnipeg Indicator: 5C-03

Project Description:

Portage Avenue Culvert/Underpass (Omands Creek): Culvert rehabilitation and widening and underpass roadway resurfacing.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194050703	Portage Avenue Culvert/Underpass	3,520,000	3,372,900	147,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		147						147
Funded by:								
Debt		147						147

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Roadside Safety Improvements

Company: General Capital Fund
Centre No: 03-118xxx-5100970707
Program/Service: Intersection and Miscellaneous Traffic Improvements

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Roadside Safety Improvements: Safety improvements to the Regional Street System such as relocation of street light standards on major thoroughfares, installation of breakaway bases on street light standards, and installation of guard rail and safety curbs.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194070701	Roadside Safety	250,000	248,900	1,100
5195070701	Improvements	250,000	143,200	106,800
		500,000	392,100	107,900

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	1	106						107
Funded by:								
Debt								0

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Charleswood Bridge

Company: General Capital Fund
Centre No: 03-118xxx-5100970708
Program/Service: New Transportation Facilities

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Charleswood Bridge-Roblin Boulevard to Ness Avenue: Construction of a four lane divided connection between Portage Avenue and Roblin Boulevard, including intersection modifications at Portage and Moray.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195010701	Charleswood Bridge	7,695,000	6,844,400	850,600

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	349	152					350	851
Funded by:								
Debt	175	76					175	426
Province of Manitoba	174	76					175	425

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Pembina Highway - rue des Trappistes to South City Limit

Company: General Capital Fund
Centre No: 03-118xxx-5400970711
Program/Service: Street Improvements

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Pembina Highway - rue des Trappistes to South City Limit: An additional two lane pavement east of the existing roadway to form a four lane divided facility from rue des Trappistes to the South City Limit.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195030701	Pembina Highway Trappistes to S. City Limit	6,200,000	6,168,600	31,400

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		31						31
Funded by:								
Debt		31						31

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Graham Avenue Transit Mall
Company: General Capital Fund
Centre No: 03-118xxx-5100970710
Program/Service: Street Improvements

Capital Priority Rating: 3-4+2
Plan Winnipeg Indicator: 5C-03

Project Description:

Graham Avenue Transit Mall: Transit and streetscaping improvements on Graham avenue between Donald and Main.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195030702	Graham Avenue Transit Mall	2,000,000	1,999,100	900

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	1							1
Funded by:								
Debt	1							1

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Nairn Avenue - Grey Street to Panet Road

Company: General Capital Fund
Centre No: 03-118xxx-5100970713
Program/Service: Street Improvements

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Nairn Avenue - Grey Street to Panet Road: Construction of an additional lane of concrete pavement and asphalt overlay of new and existing lanes.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195030704	Nairn Avenue Grey Street to Panet Road	845,000	654,300	190,700

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		191						191
Funded by:								
Debt		191						191

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Dunkirk Drive - St Mary's Road to St. Vital Bridge

Company: General Capital Fund
Centre No: 03-118xxx-5100970712
Program/Service: Street Renewals

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Dunkirk Drive - St. Mary's Road to St. Vital Bridge: Concrete joint and slab repairs overlay/resurfacing, curb repairs and sidewalk renewal.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195040703	Dunkirk Drive- St Mary's Rd. To St. Vital Bridge	1,717,000	1,678,000	39,000

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	39							39
Funded by:								
Debt	39							39

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: C.N.R. Main Line Railway Crossing Improvements

Company: General Capital Fund
Centre No: 03-118xxx-5100970713
Program/Service: Intersection and Miscellaneous Traffic Improvements

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

C.N.R. Mainline Line Railway Crossing Improvements (Municipal Road to Fairmont Road): Improving the gradient of the crossing approaches at Municipal Road, Community Row and Harstone Road, Installation of automatic railroad crossing protection at Harstone Road and other related works.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195070705	C.N.R. Main Line Railway Crossing Improvements	140,000	56,100	83,900

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		84						84
Funded by:								
Debt		84						84

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Traffic Control Signals and Pedestrian Corridors

Company: General Capital Fund
Centre No: 03-118xxx-5100970714
Program/Service: Intersection and Miscellaneous Traffic Improvements

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Traffic Control Signals and Pedestrian Controls: Installation of Traffic Control Signals at various warranted locations.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195070706	Traffic Control Signals	750,000	547,600	202,400

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	202							202
Funded by:								
Debt	202							202

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Pedestrian and Cycle Facilities

Company: General Capital Fund
Centre No: 03-118xxx-5100970715
Program/Service: Pedestrian and Cycle Facilities

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Project Description:

Pedestrian and Cycle Facilities: Construction of new sidewalks and cycle facilities along Regional Streets where no sidewalk or cycle facility presently exists and where there is a warrant for their provision.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195080702	Pedestrian and Cycle Facilities	500,000	463,400	36,600

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	36							36
Funded by:								
Debt	36							36

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Miscellaneous Street Lighting Improvements

Company: General Capital Fund
Centre No: 03-118xxx-5100970716
Program/Service: Street Lighting

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 6D-03

Project Description:

Miscellaneous Street lighting Improvements: Annual program of replacing wooden lighting poles with ornamental standards and upgrading existing lighting by the installation of new or additional street lighting standards. Includes street lighting improvements unassociated with any other improvement.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194090701	Miscellaneous Street	100,000	99,400	600
5195090701	Lighting Improvements	62,000	31,000	31,000
		162,000	130,400	31,600

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	32							32
Funded by:								
Debt	32							32

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Land Acquisition Transportation Right of Way

Company: General Capital Fund

Centre No: 03-118xxx-5100970717

Program/Service: Land Acquisition-Regional Streets

Capital Priority Rating: 3-4

Plan Winnipeg Indicator: 5C-03

Project Description:

Land Acquisition Transportation Right of Way: Outstanding property acquisitions relating to the normal ongoing program involving acquisition of land for transportation rights-of-way not included in any specific Capital Project.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
51951007xx	Various Land Acquisitions (see attached)	2,309,500	996,800	1,312,700

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	106	26				93	1,087	1,312
Funded by:								
Debt	106	26				93	1,087	1,312

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Land Acquisition Transportation Right of Way

Company: General Capital Fund
Centre No: 03-118xxx-5100970717
Program/Service: Land Acquisition-Regional Streets

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-03

Land Acquisition Transportation Right of Way detailed listing:

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195100712	158 Provencher Blvd.	4,000	2,600	1,400
5195100713	#8 & #10 Hull Ave.	4,000	3,600	400
5195100714	Queenston Street.	3,000	600	2,400
5195100717	Extension of Reenders Dr.	8,000	300	7,700
5195100719	Chief Pequis Trail Ext.	403,000	225,400	177,600
5195100720	Jefferson Avenue	18,500	0	18,500
5195100721	1003 Dumas Avenue	12,300	1,500	10,800
5195100722	770 Beach Avenue	4,000	2,400	1,600
5195100723	212 Forrest Avenue	4,000	100	3,900
5195100725	Sterling Lyon Parkway	161,000	100	160,900
5195100726	Mcgregor/Ferrier Ext.	30,000	25,700	4,300
5195100727	142 Enfield Crescent	101,000	73,200	27,800
5195100728	Corydon/Osborne/Mcmillan	155,000	150,400	4,600
5195100729	Sterling Lyon Parkway	614,000	505,400	108,600
5195100730	Sargeant/Saskatchewan St.	10,000	300	9,700
5195100731	Lot Drain-1855 & 1863 Pembina	10,000	5,200	4,800
5195100732	SE corner McPhillips at Jarvis	30,000	0	30,000
5195100734	Regent Ave-Panet to Rougeau	306,000	0	306,000
5195100735	Lane Corner Cut-E Watt St	5,000	0	5,000
5195100736	Lane 3. Of Battery S.Of Boyd	36,000	0	36,000
51951007xx	Various Projects	390,700	0	390,700
		2,309,500	996,800	1,312,700

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Assiniboine Park Roadway/Parking Lots

Company: General Capital Fund

Centre No: 03-118xxx-5400970704

Program/Service: Regional Parks-Improvements Maintenance

Capital Priority Rating: 1-4

Plan Winnipeg Indicator: 6F-03

Project Description:

Assiniboine Park Roadway/Parking Lots: Annual program of upgrading roadway, parking lots and pathways throughout Assiniboine Park.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495020701	Assiniboine Park Roadway/Parking Lots	105,000	97,900	7,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	7							7
Funded by:								
Debt	7							7

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Harbour View South Park

Company: General Capital Fund
Centre No: 03-118xxx-5400970402
Program/Service: Community Parks Development

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-45

Project Description:

Harbour View South Park: Phase I of II - Developer Payback

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495450401	Harbour View South Park	134,000	0	134,000

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)						134		134
Funded by:								
Debt						134		134

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Sherbrook Pool
Company: General Capital Fund
Centre No: 03-118xxx-5400970102
Program/Service: Community Recreation Facilities Improvements

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-55

Project Description:

Sherbrook Pool: General provision for miscellaneous improvements to the facility.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495510102	Sherbrook Pool	240,000	237,800	2,200

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	2							2
Funded by:								
Debt	2							2

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: St James Civic Centre

Company: General Capital Fund

Centre No: 03-118xxx-5400970201

Capital Priority Rating: 1-4

Program/Service: Community Recreation Facilities Improvements

Plan Winnipeg Indicator: 5C-55

Project Description:

St James Civic Centre: Replace existing mechanical plant and plumbing lines including pumps, filters, and repiping all pool water return lines and skimmer lines. Minor renovations to mechanical and heating system to fitness centre and window installation.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495510201	St James Civic Centre	285,000	282,500	2,500

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	2							2
Funded by:								
Debt	2							2

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Victoria Community Centre

Company: General Capital Fund

Centre No: 03-118xxx-5400970202

Program/Service: Community Centres-Development

Capital Priority Rating: 1-4

Plan Winnipeg Indicator: 4C-01

Project Description:

Victoria Community Centre: Development of a satellite Recreation building of the Victoria Community Centre with adjacent athletic fields, hockey pens, tennis courts, etc. (Phase I).

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495550201	Victoria Community Centre	573,000	550,500	22,500

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	22							22
Funded by:								
Debt	22							22

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Seven Oaks Pool

Company: General Capital Fund
Centre No: 03-118xxx-5400970303
Program/Service: Facilities-Improvements/Maintenance

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 6F-01

Project Description:

Seven Oaks Pool: Replacement of deteriorated bulkhead:

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495510301	Seven Oaks Pool	200,000	102,900	97,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	97							97
Funded by:								
Debt	97							97

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Brandon Avenue Snow Dump - Site Cleanup

Company: General Capital Fund
Centre No: 03-118xxx-5400970705
Program/Service: Community Parks Development

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-46

Project Description:

Brandon Avenue Snow Dump-Site Cleanup: Site maintenance to include the grounds as part of Churchill Drive Park.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
54955450701	Brandon Avenue Snow Dump-Site Cleanup	132,000	102,000	30,000

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	30							30
Funded by:								
Debt	30							30

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Arthur-Wright Duval, Dunham and Maple Glen Parks

Company: General Capital Fund

Centre No: 03-118xxx-5400970304

Program/Service: Community Parks Development

Capital Priority Rating: 1-4

Plan Winnipeg Indicator: 5C-46

Project Description:

Arthur-Wright Duval, Dunham and Maple Glen Parks: Funds for playground developments for Arthur-Wright Duval, Dunham and Maple Glen Parks.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495450302	Arthur-Wright Duval, Dunham and Maple Glen Parks	71,000	54,100	16,900

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	17							17
Funded by:								
Debt	17							17

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Palmerston Park

Company: General Capital Fund
Centre No: 03-118xxx-5400970103
Program/Service: Community Parks Development

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-46

Project Description:

Palmerston Park: Funds for the development of Palmerston Park.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495450101	Palmerston Park	40,000	35,600	4,400

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	4							4
Funded by:								
Debt	4							4

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Replacement of Turf with Hard Surfacing Material

Company: General Capital Fund
Centre No: 03-118xxx-5400970706
Capital Priority Rating: 1-4
Program/Service: Aesthetically Improved Streets Improvements/Maintenance
Plan Winnipeg Indicator: 5C-03

Project Description:

Replacement of Turf with Hard Surfacing Material: Replacement of turf with hard surfacing material on certain side and centre boulevard edges damaged over winter months by chemical de-icers and abrasives applied to street surfaces and on those boulevards or portions thereof, in high-use pedestrian areas.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5494160701	Replacement of Turf with Hard Surfacing Material	185,000	139,800	45,200

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		45						45
Funded by:								
Debt		45						45

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Margaret Grant Pool
Company: General Capital Fund
Centre No: 03-118xxx-5400970504
Program/Service: Facilities-Improvements/Maintenance

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 6F-01

Project Description:

Margaret Grant Pool: Provision for rehabilitation for Margaret Grant Pool.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5494510502	Margaret Grant Pool	450,000	310,900	139,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Public Works Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	139							139
Funded by:								
Debt	139							139

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Weed and Algae Management Program

Company: General Capital Fund

Centre No: 03-118xxx-5200970701

Capital Priority Rating: 3-2

Program/Service: Stormwater Retention Basins

Plan Winnipeg Indicator: 5C-14

Project Description:

Weed and Algae Management Program: For the purchase of mechanical weed control equipment, vehicles and storage facilities for existing stormwater retention basins.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5293080702	Weed and Algae Management Program	410,000	0	410,000

Reason

Project is currently under review to determine needs and priorities. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	110	100	100	100				410
Funded by:								
Debt	110	100	100	100				410

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Basement Flooding Relief-Preliminary Engineering & Minor Improvements

Company: General Capital Fund

Centre No: 03-118xxx-5200970702

Program/Service: Pre-Engineering and Minor Relief

Capital Priority Rating: 3-3

Plan Winnipeg Indicator: 5C-21

Project Description:

Basement Flooding Relief- Preliminary Engineering & Minor Improvements: For the preliminary engineering (computer modelling and conceptual design) in advance of major capital budgeting for sewer relief works in unrelieved areas, and for construction of minor relief works in localized areas, flow and meterological monitoring in preparation for the detailed design and construction of future works.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5295050701	Basement Flooding Relief Preliminary Engineering & Minor Improvements	445,000	397,500	47,500

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	47							47
Funded by:								
Debt	47							47

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: North-West Branch

Company: General Capital Fund

Centre No: 03-118xxx-5500970701

Program/Service: Libraries - New

Capital Priority Rating: 1-2

Plan Winnipeg Indicator: 5C-53

Project Description:

Libraries - North-West Branch: A provision for the establishment of a new branch library in the north-west quadrant of the city.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5592010701	North-West Branch	553,000	493,100	59,900

Reason

The balance of the borrowing authority has been recommended by the Community Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	10	50						60
Funded by:								
Debt	10	50						60

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Sports Facility Program
Company: General Capital Fund
Centre No: 03-118xxx-5400970705
Program/Service: Regional Recreation Development

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 6F-01

Project Description:

Sports Facility Program: Tri-party agreement between The City of Winnipeg, Province of Manitoba and The Manitoba Sports Federation designed to encourage the capital development and/or upgrading of major sports facilities in Winnipeg.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5493970703 (which replaces 5485400703, 5486400701, 5487400701, 5488400701 and 5489400701)	Sports Facility Program	1,491,000	695,500	795,500
		Amount to be Cancelled		455,500
		Balance required to complete project		340,000

Reason

Ongoing program. The balance of the borrowing authority has been recommended by the Community Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	203	137						340
Funded by:								
Debt	203	137						340

NET OPERATING	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Assiniboine Park Conservatory Restaurant

Company: General Capital Fund

Centre No: 03-118xxx-5400970707

Program/Service: Recreation & Leisure

Capital Priority Rating: 1-2

Plan Winnipeg Indicator: 6F-03

Project Description:

Assiniboine Park Conservatory Restaurant

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5493020705	Assiniboine Park Conservatory Restaurant	100,000	1,200	98,800

Reason

Discussions under way with consultant with project completion anticipated in 2000. The balance of the borrowing authority has been recommended by the Community Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		99						99
Funded by:								
Debt		99						99

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Community Incentive Grant
Company: General Capital Fund
Centre No: 03-118xxx-6400970701
Program/Service: Recreation & Leisure

Capital Priority Rating: 1-2
Plan Winnipeg Indicator: 6F-01

Project Description:

Community Incentive Grants: The Community Incentive Grant program of the City of Winnipeg is designed to encourage organizations to undertake community recreation and to support capital projects which will result in long term benefits to the community at large in terms of improved facilities.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5493970701	Community	311,850	277,450	34,400
6495250703	Incentive Grants	1,260,000	1,237,200	22,800
		1,571,850	1,514,650	57,200

Reason

Ongoing program. The balance of the borrowing authority has been recommended by the Community Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	57							57
Funded by:								
Debt	57							57

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Meeting & Program Space-Various

Company: General Capital Fund	
Centre No: 03-118xxx-5500970702	Capital Priority Rating: 1-2
Program/Service: Libraries - Renovations & Expansions	Plan Winnipeg Indicator: 6F-01

Project Description:

Meeting & Program Space -Various: Construct renovate and equip areas for public use and library programs.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5595020701	Meeting & Program Space- Various	120,000	78,300	41,700

Reason

Ongoing program. The balance of the borrowing authority has been recommended by the Community Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	42							42
Funded by:								
Debt	42							42

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

F5

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Photo Radar
Company: General Capital Fund
Centre No: 03-118xxx-6400970701
Program/Service: Police Equipment

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-51

Project Description:

Photo Radar: This project will enable the Police to provide more effective enforcement of speed limits by eliminating the need to stop and question each motorist detected of exceeding limits. This system will measure the speed and photograph the license numbers of offending vehicles. Offence notifications will be processed by mail.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5695030701	Photo Radar System	50,000	29,500	20,500

Reason

Budget required to update previous research related to this project. The balance of the borrowing authority has been recommended by the Police Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	20							20
Funded by:								
Debt	20							20

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Centennial Library - Roof

Company: General Capital Fund

Centre No: 03-118xxx-6300970701 | Capital Priority Rating: 3-3

Program/Service: Civic Buildings-Building System Replacement | Plan Winnipeg Indicator: 5C-55

Project Description:

Centennial Library Roof Replacement: Replacement of the roof at 251 Donald Street.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6392040701	Centennial Library-Roof	240,000	5,700	234,300

Reason

This original budget amount is insufficient to provide for the completion of the roof repair which is now required. A similar amount has been requested in the year 2000 which when combined will facilitate the necessary repairs. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2004	Total Costs
Project Cost ($000's)		234						234
Funded by:								
Debt		234						234

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Downtown Weather-Protected Pedestrian System

Company: General Capital Fund	
Centre No: 03-118xxx-6400970702	Capital Priority Rating: 1-3
Program/Service: Pathways & Walkways	Plan Winnipeg Indicator: 5B-07

Project Description:
Downtown Weather-Protected Pedestrian System: City share of capital costs of new connection to complete the system of right-of-way designated by Council (by resolution, October 1977) from The Bay to Portage and Main Concourse to the Civic Centre, and providing for extension south to Broadway as development permits.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6491060701	Weather Prot. Ped. Syst.	133,600	0	133,600
64920607xx	Weather Prot. Ped. Syst.	300,000	0	300,000
64930607xx	Weather Prot. Ped. Syst.	300,000	0	300,000
6495060701	Weather Prot. Ped. Syst.	150,000	0	150,000
		883,600	0	883,600

Reason

There are a number of initiatives and development projects presently before Council that will facilitate the expansion of the Weather Protected Pedestrian System. The funds will be required to facilitate this expansion. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		434	450					884
Funded by:								
Debt		284	450					734
Province of Manitoba		150						150

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Land Acquisition-Various

Company: General Capital Fund
Centre No: 03-118xxx-6400970703
Program/Service: Land Acquisition for General Unspecified Purposes

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 1D-01

Project Description:

Land Acquisition for General Unspecified Purposes:

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6495010704	190 Forrest,190 Burrin	45,000	10,000	35,000
6495010712	3 Silvia Street	4,600	700	3,900
6495010713	Lane W.of Henderson	6,000	0	6,000
6495010714	Lane E. of Day St	7,300	0	7,300
6491010705	149 Alfred, 189 Aberdeen and 189 Burrows, 140 Alfred, 428 Mountain Ave, 1116/1118 Machray Ave and 98 Polson	34,000	4,400	29,600
		96,900	15,100	81,800

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)				82				82
Funded by: Debt				82				82

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Central Yard Relocation

Company: General Capital Fund

Centre No: 03-118xxx-6300970703

Program/Service: Yards and Works Facilities

Capital Priority Rating: 3-4+2

Plan Winnipeg Indicator: 1D-01

Project Description:

Central Yard Relocation: A ten year Central Yard Relocation program consisting of relocating the Central Yard facility presently existing at Ross and Tecumseh, and amalgamating it with a new combined District 1-2 (West Central) Operations Department Yard and Office facility at a site on Pacific between McPhillips and Weston.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6394050701	Central Yard Relocation	5,625,000	1,609,800	4,015,200
6395050701	Central Yard Relocation	4,813,000	0	4,813,000
		10,438,000	1,609,800	8,828,200

Reason

Council approved program awaiting Public Works Facilities study conclusion to determine how this money is to be spent. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	27	3,988	2,813	2,000				8,828
Funded by:								
Debt	27	3,988	2,813	2,000				8,828

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: District 6 Operations Yard & Parks & Recreation

Company: General Capital Fund
Centre No: 03-118xxx-6300970704
Program/Service: Yards and Works Facilities

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 1D-01

Project Description:

District 6 Operations Yard & Parks Recreation: To consolidate and improve building and yard facilities for South-West (District #6) Works and Operations and Parks.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6395050702	District 6 Operations Yard & Parks & Recreation	943,000	223,300	719,700

Reason

Awaiting Public Works Facilities study conclusion to determine how this money is to be spent. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		325	394					719
Funded by:								
Debt		325	394					719

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Campus Plan

Company: General Capital Fund
Centre No: 03-118xxx-6300970705
Program/Service: East Norwood

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 1D-01

Project Description:

Campus Plan: 1995 Consolidation of City facilities

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6395060701	Campus Plan	1,200,000	1,198,700	1,300

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	1							1
Funded by:								
Debt	1							1

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Public Safety Building -Elevators

Company: General Capital Fund	
Centre No: 03-118xxx-6300970706	Capital Priority Rating: 3-4
Program/Service: Civic Buildings -Building System Replacement	Plan Winnipeg Indicator: 5C-55

Project Description:

Public Safety Building - Elevators: Replacement of elevator control systems at 151 Princess Street (Public Safety Building).

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6395040701	Public Safety Building Elevator Controls	228,400	221,900	6,500

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	6							6
Funded by:								
Debt	6							6

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Demolition of Former Swift Plant

Company: General Capital Fund
Centre No: 03-118xxx-6400970704
Program/Service: Miscellaneous Special Projects

Capital Priority Rating: 2-4
Plan Winnipeg Indicator: 1D-01

Project Description:

Demolition of Former Swift Plant: Demolition of the former Swift Meat Packing Plant on Archibald Street.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6494250701	Demolition of Former Swift Meat Packing Plant	1,121,000	1,098,200	22,800

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		22						22
Funded by:								
Debt		22						22

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

Project Name: Riverbank Walkway/Bicycle Path System/Stabilization
Company: General Capital Fund
Centre No: 03-118xxx-6400970705
Program/Service: Miscellaneous

Capital Priority Rating: 1-3
Plan Winnipeg Indicator: 3E-05

Project Description:

Riverbank Walkway/Bicycle Path System/Stabilization: Development of the City's Red and Assiniboine riverbanks for the dual purpose of stabilizing failing riverbanks while at the same time, providing a foundation for the establishment of bicycle/pedestrian pathways along the river corridors. The annual addition to the riverbank pathway/stabilization account will provide funds for implementation according to the prioritized river segments adopted by Council, as opportunities present themselves and as needs dictate.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6494250704	Riverbank Walkway/ Bicycle Pathway System	100,000	94,900	5,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	5							5
Funded by:								
Debt	5							5

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Energy Conservation-General

Company: General Capital Fund
Centre No: 03-118xxx-6400970706
Program/Service: Miscellaneous Special Projects

Capital Priority Rating: 3-2
Plan Winnipeg Indicator: 3G-02

Project Description:

Energy Conservation-General: Energy Conservation Projects as part of a continuing initiative to reduce energy consumption.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6495250704	Energy Conservation	117,000	81,800	35,200

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	35							35
Funded by:								
Debt	35							35

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

Project Name: 1168 Dakota - Rehabilitation of Structural Floor

Company: General Capital Fund
Centre No: 03-118xxx-6400970707
Program/Service: Miscellaneous Special Projects

Capital Priority Rating: 1-4
Plan Winnipeg Indicator: 5C-55

Project Description:

1168 Dakota - Rehabilitation of Structural Floor: Restoration of structural floor and associated repairs.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6495250705	1168 Dakota-Rehab. of Structural Floor	118,000	12,700	105,300

Reason

Pending the result of a court case, these funds are required to be retained. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		105						105
Funded by:								
Debt		105						105

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: 395 Main St. - Prepayment of Tenant Improvements

Company: General Capital Fund
Centre No: 03-118xxx-6400970708
Program/Service: Miscellaneous Special Projects

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-55

Project Description:

395 Main St. - Prepayment of Tenants: Prepayment of tenant improvement costs at 395 Main Street.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6495250706	395 Main St. Prepayment of Tenant Improvements	3,000,000	2,976,400	23,600

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	24							24
Funded by:								
Debt	24							24

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Streetscaping - Various Locations

Company: General Capital Fund
Centre No: 03-118xxx-6400970709
Program/Service: Streetscaping

Capital Priority Rating: 1-3
Plan Winnipeg Indicator: 6A-03

Project Description:

Streetscaping - Various Locations: Replacement of selected streets and sidewalks within the Exchange District and along Osborne Street. Provision of ornamental paving stones, garbage receptacles, decorative lighting, trees and tree grates, fences and benches.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6494090701	Streetscaping-Osborne St.	825,000	817,700	7,300
6495020701	Streetscaping-Exchange D.	125,000	117,700	7,300
64950907xx	Streetscaping-General	400,000	392,500	7,500
		1,350,000	1,327,900	22,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	22							22
Funded by:								
Debt	22							22

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Heritage Building Support Program

Company: General Capital Fund
Centre No: 03-118xxx-6400970710
Program/Service: Miscellaneous

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 6C-01

Project Description:

Heritage Building Support Program: Annual Provision for grant funding as detailed in the " Heritage Support Options Policy".

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6495250701	Heritage Building Support Program	100,000	95,900	4,100

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	4							4
Funded by:								
Debt	4							4

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Land Acquisition For Riverbanks

Company: General Capital Fund
Centre No: 03-118xxx-6400970711
Program/Service: Miscellaneous

Capital Priority Rating: 1-3
Plan Winnipeg Indicator: 6B-10

Project Description:

Land Acquisition for Riverbanks: Provision for the acquisition of Riverbank land as land is offered for sale or otherwise becomes available.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5495350705	North Winnipeg Parkway	27,000	2,200	24,800
5495350710	558 St Mary's Road	115,000	90,000	25,000
5495350711	Point Douglas Yacht Club	150,000	145,600	4,400
5495350713	Seine Riverbank Land Acq	20,000	0	20,000
		312,000	237,800	74,200

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	49	25						74
Funded by:								
Debt	49	25						74

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Winnipeg Development Agreement

Company: General Capital Fund

Centre No: 03-118xxx-6500970701

Program/Service: Winnipeg Development Agreement

Capital Priority Rating: 3-4+2

Plan Winnipeg Indicator: 5A-06

Project Description:

Winnipeg Development Agreement: The Winnipeg Development Agreement is an intergovernmental agreement among the Federal, Provincial and City Governments. Each of the three levels has allocated $25 million from 1995 to 2001 (total $75 M) to increase economic development and employment opportunities in the City.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
659501xxxx	North Main Development	7,450,000	6,975,900	474,100
659503xxxx	Neighbourhood Revital.	2,598,100	1,669,700	928,400
659504xxxx	Neighbourhood Infrast.	3,000,000	2,705,900	294,100*
659505xxxx	Employment Equity	800,000	527,200	272,800
659511xxxx	Downtown Revitalization	4,000,000	3,730,400	269,600
659512xxxx	Riverbank Development	1,715,100	1,352,100	363,000**
659513xxxx	Building Preservation	5,118,800	4,431,100	687,700
659514xxxx	Strategic Initiatives	1,950,000	1,670,300	279,700
659515xxxx	Agreement Administration	500,000	399,900	100,100
		27,132,000	23,462,500	3,669,500

* 100% Provincially Funded

** Partially Provincially Funded

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Planning, Property & Development Services Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	3,669							3,669
Funded by:								
Debt	3,266							3,266
Province of Manitoba	403							403

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Financial Management System

Company: General Capital Fund

Centre No: 03-118xxx-6400970713

Program/Service: Computer Projects

Capital Priority Rating: 1-4

Plan Winnipeg Indicator: 5C-01

Project Description:

Financial Management System: The FMS is a multiphase project that utilizes new technology, supports the Controllership function, decentralizes various components of the procurement cycle, provides decentralized management reports, and includes the development/implementation of appropriate computer/software, financial policies/procedures/methods and associated training. The project is currently being considered for an expansion of its scope to become an Enterprise Resource Planning System which is a fully integrated suite of products and includes application such as financial accounting, budget preparation, reporting analysis, human resources/payroll, materials management and work management.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6495080706	Financial Management System	2,350,000	579,700	1,770,300

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Corporate Finance Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	300	1,470						1,770
Funded by:								
Debt	300	1,470						1,770

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Assessment Automation
Company: General Capital Fund
Centre No: 03-118xxx-6400970714
Program/Service: Assessment Automation

Capital Priority Rating: 3-3
Plan Winnipeg Indicator: 2B-04

Project Description:

Assessment Automation: To provide for the final phase of the assessment process which is vital to the required triennial reassessments and the effective functioning of the assessment and tax system. This will be done though the acquisition, customization and implementation of a Computer Assisted Mass Appraisal (CAMA) System.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
6495230701	Assessment Automation	4,365,000	3,530,500	834,500

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Property Assessment Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	834							834
Funded by:								
Debt	834							834

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Automatic Passenger Counting System

Company: Transit System Fund
Centre No: 42-118xxx-5300970701
Program/Service: Automated Equipment

Capital Priority Rating: 3-2
Plan Winnipeg Indicator: 5C-01

Project Description:

Automatic Passenger Counting System- The supply and installation of automatic passenger counting equipment on approximately 50 buses.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5392080701	Automatic Passenger Counting System	519,000	82,900	436,100
		Amount to be Cancelled		1,500
		Balance required to complete project		434,600

Reason

This project will be used to acquire automatic passenger counters to determine passenger loads. This information is presently obtained through manual means. As a result of responses to a request for proposal, a supplier has been selected and a contract has been awarded. The balance of the borrowing authority has been recommended by the Transit Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	90	344						434
Funded by:								
Debt	90	344						434

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Southwest Corridor

Company: Transit System Fund
Centre No: 42-118xxx-5400970701
Program/Service: Southwest Corridor

Capital Priority Rating: 3-3+3
Plan Winnipeg Indicator: 5C-02

Project Description:

Southwest Corridor: Design and Environmental Impact Study of the construction of the Southwest Transit Corridor which would provide an exclusive corridor for Transit Vehicles between the downtown and the South Fort Garry/University of Manitoba area.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5494010701	Southwest Corridor	600,000	0	600,000

Reason

This project will be required to fund the Design and Environmental Impact Study of the Southwest Transit Corridor once construction funding is approved. The balance of the borrowing authority has been recommended by the Transit Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)				600				600
Funded by:								
Debt				600				600

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: West End Pressure Improvement Program - Feedermain

Company: Waterworks System
Centre No: 43-118xxx-5100970701 Capital Priority Rating: 5-3
Program/Service: Feedermains Plan Winnipeg Indicator: 5C-12

Project Description:

West end Pressure Improvement Program: Construction of a major water feedermain from the Mcphillips Pumping Station to the existing feedermain network at the Moray Street - Ness Avenue intersection. The city is still resolving the easement agreement with Transport Canada and the Winnipeg Airport Authority.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5188070701	West End Pressure Improvement	2,190,000	2,126,400	63,600
		Amount to be Cancelled		48,600
		Balance required to complete project		15,000

Reason

Still resolving easement agreement with Transport Canada and the Winnipeg Airport Authority. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	15							15
Funded by:								
Debt								
Waterworks System Retained Earnings	15							15

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Deacon Reservoirs Cells 3 & 4 - Engineering and Construction

Company: Waterworks System
Centre No: 43-118xxx-5100971401
Program/Service: Reservoirs

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-38

Project Description:

Deacon Reservoir Cells 3 & 4: Engineering and construction of Deacon Reservoir Cells 3 & 4 to replace the aqueduct supply during periods of high consumption or aqueduct maintenance.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5192051401	Deacon Reservoir Cells 3 & 4 - Engineering and Construction	14,351,000	13,745,700	605,300

Reason

Work will be completed in 2000. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	605							605
Funded by:								
Debt								0
Waterworks System Retained Earnings	605							605

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: W.D. Hurst Pumping Station Upgrading

Company: Waterworks System
Centre No: 43-118xxx-5100971201
Program/Service: Pumping Stations

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-12

Project Description:

W.D. Hurst Pumping Station Upgrading: Provision for the replacement of pumping equipment.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5192061201	W.D. Hurst Pumping	2,120,000	2,090,600	29,400
5193061201	Station Upgrading	25,000	17,100	7,900
		2,145,000	2,107,700	37,300

Reason

Heat exchanger problem has yet to be resolved. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	37							37
Funded by:								
Debt								0
Waterworks System Retained Earnings	37							37

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Intake Upgrading
Company: Waterworks System
Centre No: 43-118xxx-5100970702
Program/Service: Intake

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-11

Project Description:

Intake Upgrading: To upgrade intake pumping stations by increasing pumping capacity and Zebra Mussel mitigation measures.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5193020701	Intake Upgrading	5,425,000	4,643,300	781,700

Reason

Problem with low lift pump has yet to be resolved. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	781							781
Funded by:								
Debt								0
Waterworks System Retained Earnings	781							781

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Development Agreement Payback

Company: Waterworks System
Centre No: 43-118xxx-5100970703
Program/Service: Development Agreement Paybacks

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-12

Project Description:

Developer Agreement Payback AG 57/86

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5289280701	D A Payback AG57/86	20,000	0	20,000

Reason

Developer has not yet requested payback for the oversized works he constructed. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)			20					20
Funded by:								
Debt								0
Waterworks System Retained Earnings			20					20

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Regional Water Supply Instrumentation Control & Data Logging System

Company: Waterworks System
Centre No: 43-118xxx-5100970704
Program/Service: Pumping Station

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-12

Project Description:

Regional Water Supply Instrumentation Control & Data Logging System: The existing instrumentation, control and data logging system is a collection of non-uniform control and monitoring systems at each pumping station connected to the central control facility at McPhillips Pumping Station. Most equipment is obsolete, difficult to maintain and must be upgraded. The funds budgeted are for control room setup and renovations for MacLean, Tache, Deacon, and McPhillips Pumping Stations: Supervisory control and data acquisition system installation: and contract administration, operation, manual operation, system training, and other post-construction services.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194060701	Regional Water Supply Instrumentation Control & Data Logging System	2,150,000	2,142,300	7,700

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	7							7
Funded by:								
Debt								0
Waterworks System Retained Earnings	7							7

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Utility Billing System

Company: Waterworks System

Centre No: 43-118xxx-5100970705

Program/Service: Billing System

Capital Priority Rating: 5-4

Plan Winnipeg Indicator: 5C-12

Project Description:

Utility Billing System: For the replacement of the utility computer billing system with a modern customer information system. The project would provide better service to the customers, more efficient operation, communications with new technology systems, replacement of the obsolete system, and facilitates studies of integration.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194150701	Utility Billing System	1,670,000	1,103,400	566,600

Reason

Project delayed by the contractor. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	566							566
Funded by:								
Debt								0
Waterworks System Retained Earnings	566							566

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Wilkes Reservoir South Cell Rehabilitation Engineering & Construction

Company: Waterworks System
Centre No: 43-118xxx-5100970201
Program/Service: Reservoirs

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-12

Project Description:

Wilkes Reservoir South Cell Rehabilitation Engineering & Construction: Wilkes Reservoir supplies water to the W.D. Hurst Pumping Station, which then pumps the water under pressure to the distribution system. The reservoirs' function is balancing emergency storage requirements of the service area. Presently the existing covered cell reservoir is primarily used for this purpose as the second open cell is less utilized because of bank instability problems and water quality problems. As a result of current projections of population growth, population distribution, and unit consumption, the rehabilitation of this open cell reservoir is required .

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5195051201	Wilkes Reservoir South Cell Rehabilitation Eng. & Construction	11,952,000	11,903,900	48,100

Reason

Engineering fees relating to the monitoring of piles caps are required until 2002. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	48							48
Funded by:								
Debt								0
Waterworks System Retained Earnings	48							48

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Dumoulin Secondary Sewer Relocation

Company: Sewage Disposal System
Centre No: 44-118xxx-5100970701
Program/Service: Interceptors

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-24

Project Description:

Dumoulin Secondary Sewer Relocation: Provision for the replacement of the Dumoulin Secondary Sewer in the York Avenue extension between the Provencher Bridge and Main Street.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5190070701	Dumoulin Secondary Sewer Relocation	350,000	283,700	66,300

Reason

Completion of project is dependent on Provencher Bridge reconstruction schedule. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		66						66
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings		66						66

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Heating System Upgrading

Company: Sewage Disposal System

Centre No: 44-118xxx-5100971501 Capital Priority Rating: 5-2

Program/Service: North End Water Pollution Control Centre Plan Winnipeg Indicator: 5C-17

Project Description:

Heating System Upgrade: Provision for the replacement of four new boilers at the NEWPCC over the next five years.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5191021502	Heating System Upgrade	1,000,000	704,000	296,000

Reason

The conceptual and functional design phase of a boiler replacement program has recently been completed. A consultant has been retained to undertake detailed design work and the first of four new boilers will be installed in 2000. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		296						296
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings		296						296

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Regional Sewer Engineering and Renewal Program
Company: Sewage Disposal System
Centre No: 44-118xxx-5100970702
Program/Service: Interceptors

Capital Priority Rating: 5-2
Plan Winnipeg Indicator: 5C-24

Project Description:

Regional Sewer Engineering and Renewal Program: A program to assess the condition of interceptors and large trunk sewers.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5191070702	Reg. Sewer Engineering	212,000	200	211,800
5192070702	Reg. Sewer Engineering	223,000	0	223,000
5193070701	Reg. Sewer Engineering	568,000	0	568,000
		1,003,000	200	1,002,800

Reason

An assessment of the structural integrity of the interceptor sewers will be carried out to develop a plan for rehabilitation and repair. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		100	450	453				1,003
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings		100	450	453				1,003

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Secondary Clarifier Re-roofing - NEWPCC Preliminary Engineering

Company: Sewage Disposal System
Centre No: 44-118xxx-5100971401
Program/Service: North End Water Pollution Control Centre

Capital Priority Rating: 5-1
Plan Winnipeg Indicator: 5C-17

Project Description:

NEWPCC Secondary Clarifier Re-Roofing: A provision for the design and construction of the roof of the secondary clarifier building at the NEWPCC.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5193021401	NEWPCC Secondary Clarifier Re-Roofing	3,060,000	758,200	2,301,800
		Amount to be Cancelled		1,301,800
		Balance required to complete project		1,000,000

Reason

To date, 50% of the roof has been renewed due to leaking. The remaining roof area is annually being tested and results analysed to determine the most cost beneficial replacement schedule. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		1,000						1,000
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings		1,000						1,000

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Treatment Plant Expansion - Odour Control

Company: Sewage Disposal System
Centre No: 44-118xxx-5100970703 Capital Priority Rating: 5-4
Program/Service: South End Water Pollution Control Centre Plan Winnipeg Indicator: 5C-19

Project Description:

SEWPCC Treatment Plant Expansion: A provision for the expansion of the South End Water Pollution Control Centre.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5192030701	SEWPCC Treatment	1,797,000	1,175,600	621,400
5193030701	Plant Expansion -	610,000	125,100	484,900
	Odour Control	2,407,000	1,300,700	1,106,300

Reason

Project evaluation is currently in progress. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		1,106						1,106
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings		1,106						1,106

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Treatment Plant Expansion

Company: Sewage Disposal System
Centre No: 44-118xxx-5100970704
Program/Service: West End Water Pollution Control Centre

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-19

Project Description:

WEWPCC Treatment Plant Expansion: A provision for the expansion of the West End Water Pollution Control Centre.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5193040701	WEWPCC Treatment	500,000	340,000	160,000
5194040701	Plant Expansion	2,340,000	95,500	2,244,500
		2,840,000	435,500	2,404,500

Reason

Project evaluation is currently in progress. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	260	300	1,845					2,405
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings	260	300	1,845					2,405

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Disinfection of Effluent

Company: Sewage Disposal System
Centre No: 44-118xxx-5100971701
Program/Service: West End Water Pollution Control Centre

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-18

Project Description:

WEWPCC Disinfection of Effluent: Provision for the disinfection of effluent as recommended by the Clean Environment Commission in 1992.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5193041701	WEWPCC Disinfection of Effluent	520,000	0	520,000

Reason

Project evaluation is currently in progress. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	520							520
Funded by:								
Debt								0
Sewage Disposal System Environmental Projects Reserve	520							520

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: CSO Study-Collection, Monitoring, Control & Data Logging

Company: Sewage Disposal System
Centre No: 44-118xxx-5100970705 **Capital Priority Rating: 5-2**
Program/Service: Separation of Combined Sewers **Plan Winnipeg Indicator: 5C-25**

Project Description:

CSO Study-Collection, Monitoring, Control & Data Logging: The funds budgeted are to undertake a study of combined sewer overflows and to develop a long term strategy for the abatement of combined sewer discharges to the rivers. The study is required to assess the water quality impacts of combined sewer overflows on the receiving streams in relation to loading from all other sources. This study will involve quantifying the volumes and strengths of the combined sewer overflows and assessing the costs and effectiveness of various methods of dealing with the combined sewers, leading to a recommended long term implementation plan.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194080701	CSO Study-Collection	500,000	489,300	10,700
5195080701	Monitoring, Control &	1,500,000	0	1,500,000
	Data Logging	2,000,000	489,300	1,510,700

Reason

Project evaluation is currently in progress. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	1,400	110						1,510
Funded by:								
Debt								0
Sewage Disposal System Environmental Projects Reserve	1,400	110						1,510

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Utility Billing System

Company: Sewage Disposal System
Centre No: 44-118xxx-5100970706
Program/Service: Billing System

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 1D-01

Project Description:

Utility Billing System: For the replacement of the utility computer billing system with a modern customer information system. The project would provide better service to the customers, more efficient operation, communications with new technology systems, replacement of the obsolete system, and facilitates studies of integration.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194150701	Utility Billing System	1,671,000	1,019,300	651,700

Reason

Project delayed by the contractor. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	652							652
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings	652							652

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Pumping Station-Victoria Crescent & Lotus Lane

Company: Sewage Disposal System
Centre No: 44-118xxx-5100971001
Program/Service: Pumping Stations And Related Works

Capital Priority Rating: 5-4
Plan Winnipeg Indicator: 5C-18

Project Description:

Pumping Station - Victoria Crescent & Lotus Lane: Construction of a pumping station at Victoria Crescent and Lotus lane.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5192061002	Pumping Station-Victoria Crescent & Lotus Lane	435,000	426,300	8,700

Reason

The remaining funds are required for the potential for additional warranty work. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		8						8
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings		8						8

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Combined Sewer Renewal - Byle/Syndicate

Company: Sewage Disposal System
Centre No: 44-118xxx-5200970701
Program/Service: Combined Sewer Renewals

Capital Priority Rating: 3-4
Winnipeg Indicator: 5C-38

Project Description:

Combined Sewer Renewal-Byle/Syndicate: This project is a continuing program of providing basement flood relief to combined sewered areas.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5294020702	Combined Sewer Renewal-Byle/Syndicate	916,200	721,300	194,900

Reason

Expenditures incomplete. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)		194						194
Funded by:								
Debt								0
Sewage Disposal System Retained Earnings		194						194

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: District 6 Landfill Expansion - Engineering and Construction

Company: Solid Waste Disposal Fund

Centre No: 45-118xxx-5300970701

Program/Service: New Site Development

Capital Priority Rating: 3-4

Plan Winnipeg Indicator: 1D-01

Project Description:

District 6 Landfill Expansion: A program to expand the District 6 Landfill to a 40 year site with transfer facilities in order to provide a cost effective plan for long term solid waste disposal.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5391020702	District 6 Landfill	2,942,000	13,100	2,928,900
5392020701	Expansion:	2,075,000	200	2,074,800
		5,017,000	13,300	5,003,700

Reason

Some of this funding will be requested to complete District 2 Landfill restoration/protection and the balance retained pending approval. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	500	1,000	1,000	1,000	1,504			5,004
Funded by:								
Debt	500	1,000	1,000	1,000	1,504			5,004

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: District 2 Landfill Environmental Closure and End Use
Company: Solid Waste Disposal Fund
Centre No: 45-118xxx-5300970702 Capital Priority Rating: 3-3
Program/Service: Restoration & Protection Plan Winnipeg Indicator: 5C-35

Project Description:

District 2 Landfill Environmental Closure and End Use: A provision for the final cover of the District 2 Landfill as required by provincial regulation.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5393030701	District 2 Landfill Environmental Closure and End Use	729,000	98,600	630,400

Reason

Required for final cover of landfill as per Provincial regulation. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	630							630
Funded by:								
Debt	630							630

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

2000 SUPPLEMENTARY CAPITAL ESTIMATES

Project Name: Landfill Site Acquisition
Company: Solid Waste Disposal Fund
Centre No: 45-118xxx-5100970701
Program/Service: Land Acquisition

Capital Priority Rating: 3-4
Plan Winnipeg Indicator: 5C-33

Project Description:

Landfill Site Acquisition: Various outstanding land acquisitions related to waste disposal/landfill sites.

CENTRE	PROJECT	BUDGET	ACTUAL	BALANCE
5194010701	Landfill Site Acquisition	455,000	0	455,000
5393970701	Landfill Site Acquisition	1,348,900	228,000	1,120,900
(which replaces 5385010701, 5386010701 & 5387010701)		1,803,900	228,000	1,575,900

Reason

Incomplete pending an appeal of a Land Value Appraisal Commission decision and pending litigations. The balance of the borrowing authority has been recommended by the Water & Waste Department to be carried forward.

CASH FLOW	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost ($000's)	1,000	576						1,576
Funded by:								
Debt	1,000	576						1,576

NET OPERATING IMPACT	2000	2001	2002
Operating revenue			
Operating expenditures			
Debt and finance charges			
Net Operating Impact	0	0	0

As this is a previously approved project the Net Operating Impact has already been identified in prior years.

Exhibit 9: Glossary

Aqueduct Rehabilitation Reserve Fund - Established by City Council on January 24, 1996, the purpose of this reserve fund is for the renewal of the City's aqueduct. It is financed by monthly transfers from the Waterworks System Fund based on the amount of water consumption billed. Prior to 1996, funds were appropriated in the Waterworks System Fund for the Aqueduct Rehabilitation project.

Authorized Borrowing - The amount authorized by the Minister of Finance of the Province of Manitoba pursuant to The City of Winnipeg Act, Section 282 for The City of Winnipeg to borrow for capital purposes. Although authorized, the funds are not actually borrowed until required.

Capital - The Capital Budget is generally restricted to items which have a cost of $100,000 or more and a useful life of 10 years or longer. Minor maintenance type projects should not be included in the capital budget even though the costs may exceed the dollar limit for capital works. Major equipment replacements with very large dollar values such as computer mainframe upgrades should be included in the capital budget even though their useful life may be less than 10 years. (Tax-supported projects of this nature are financed through the General Reserve at a three to five year amortization rate not through external debenture financing.)

Capital Estimates - An annual plan of the capital projects to be undertaken by the City, together with the method of financing. The capital estimates are prepared for the current year and the subsequent five years. Only the current year's budget is adopted and the remaining five years are approved as a forecast. (See also Five Year Capital Forecast.)

Capital Projects/Capital Works - Capital improvements and other works are generally considered to be projects of a fixed nature and long life which provide new, additional or replacement of public facilities such as streets, water mains, sewers, public buildings, parks, playgrounds, recreational centres, land, etc. Major replacements such as asphalt resurfacing of streets, water main renewals, and waste water sewer renewals could also be considered as capital works. Land acquisition and local improvements are considered to be capital works regardless of expected cost. Capital expenditures are typically acquisition, development or major renovations to assets where the benefit of the expenditure extends into the future.

Community Committees - The City of Winnipeg Act established five sub-committees of Council consisting of three wards in each committee. Its purpose is to allow for and encourage public participation in the political process.

Debt Charges - The annual amount of principal and interest which must be paid each year through the current operating budget. There are two forms of debenture structure. A Sinking Fund debenture issue requires annual principal payments to be made to the Sinking Fund Reserve. These funds are invested for the retirement of the debenture issue on its maturity date. A serial issue requires annual payments of principal and interest in order that the debt is paid off in regular instalments throughout the life of the issue.

Environmental Projects Reserve Fund - On December 17, 1993, City Council established the River Quality Environmental Studies Reserve for the purpose of funding environmental studies for river quality. On January 24, 1996, Council changed the name of this reserve to the Environmental Projects Reserve Fund to more accurately reflect the environmental nature of the projects this reserve was set up to fund. It is financed by monthly transfers from the Sewage Disposal System Fund based on the amount of water consumption billed.

EPC - Executive Policy Committee - Chaired by the Mayor, EPC is made up of the chairpersons of Council Standing Committees and the Deputy Mayor. Its purpose is to formulate and present recommendations to Council on policies, plans, budgets, by-laws and any other matters affecting the City as a whole, to ensure the implementation of policies adopted by Council, to make recommendations to Council regarding the civic administration, and to supervise senior administrators.

External Debt - Obligation resulting from the borrowing of money from sources other than City funds, primarily by the sale of debentures in public capital markets.

Financial Management Plan - The City of Winnipeg's strategy to guide its financial decision making, protect its ability to meet long-term obligations, and improve its economic position and financial stability. This document was adopted by Council on July 12, 1995, and is currently being updated. It outlines the City's top financial goals to strengthen its financial position.

Five-Year Capital Forecast - The long-term plan for capital expenditures to be incurred for the five years following the budget year. Section 336 (1) of the City of Winnipeg Act requires Council, in addition to the annual estimates for the budget year, to adopt a capital program for five years. The program must show priorities in the proposed capital expenditures, estimates of the proposed sources, and details of the proposed application of the required funds. Only the current year's budget is adopted, and the five year capital forecast is only approved as a forecast.

Frontage Levies - A charge, through the property tax bill, to property owners based on the number of feet of property they have abutting city streets.

General Capital Fund - The accounting fund created to account for tax-supported capital transactions of The City of Winnipeg.

General Reserve Fund - A reserve fund established by Council on May 2, 1973 by a transfer of assets from the reserve funds of former area municipalities which combined in 1972 to form the present City of Winnipeg. The primary purpose of the General Reserve is to internally finance a portion of the City's capital projects, instead of issuing external debt.

Interim Financing – Temporary financing for a capital project using short-term General Reserve funds and/or short-term promissory notes. Interim financing is being used for the Provencher Bridge Project until long-term financing is available from the General Reserve.

Internal Financing – A means of financing the City's capital projects from internal funding sources. Internal financing usually comes from the General Reserve Fund, but could come from other reserves or a utility's retained earnings.

Local Improvements - Alterations you pay the City to make in your area. Can be initiated either by an area resident or the City and include paving or lighting local lanes, building sidewalks or boulevards, and installing ornamental street lights.

Pay-As-You-Go - A means of financing capital projects where the City pays for the projects from direct contributions from the current budget, from retained earnings, or from reserves established for capital purposes, rather than issuing external debt.

Plan Winnipeg - The City's strategic long-term planning document which established direction for the City and the steps that need to be taken along the way. All other documents, budgets, public works, programs, or developments initiated or approved by the City of Winnipeg must be consistent with this Plan.

Pointe du Bois Reserve Fund - On December 13, 1994, City Council, in accordance with Section 338(1) of the City of Winnipeg Act, established this reserve fund to provide funds necessary to redevelop the Pointe du Bois Generating Station. It is financed by an annual appropriation to retained earnings equal to at least ¼% of the previous year's sale of electricity. The Sinking Fund Trustees are responsible for investment and administration functions. Co-managers of the Reserve Fund are the Director of Winnipeg Hydro and the Director of Corporate Finance.

Standing Committees - Four sub-committees of Council delegated certain powers and duties to facilitate the administration of their assigned City departments, which report through them to the Executive Policy Committee and Council. They also provide a forum for public input, and receive recommendations from Community Committees related to their respective responsibilities. The four areas of responsibility are as follows: fiscal issues, property and development, public works, and protection and community services.

Tax-Supported - Programs, goods and services supplied by the City whose costs are supported, in whole or in part, by funds received through property taxation revenues.

The City of Winnipeg Act - An Act of the Province of Manitoba incorporating The City of Winnipeg, governing its structure, and delegating powers to its Council.

Transit Bus Replacement Reserve Fund - Established by City Council on December 15, 1994, the purpose of this reserve fund is to finance the replacement or refurbishment of transit buses in a scheduled and pragmatic manner. Contributions are based on a budgeted appropriation from the Transit Department, plus proceeds from the disposal of bus equipment and insurance claims on bus equipment written off. The long-term objective is that this reserve will accumulate funds through annual surpluses which will be used to finance future bus requirements. The reserve may also act as a stabilization fund for those years where the actual bus costs exceed those budgeted. This will reduce the reliance on operating and capital budgets as sources of financing. The Director of Transit is the Fund Manager.

Wastewater Sewer Renewal Reserve Fund - On May 27, 1992, City Council established this reserve fund for the purpose of renewal and rehabilitation of wastewater sewers. It is financed from the frontage levy, which can be allocated by Council between the Wastewater Sewer Renewal Reserve and the Combined Sewer Renewal Reserve as required.

Water Treatment Reserve Fund - On December 17, 1993, City Council initially established this reserve fund for the purpose of providing funding for a water treatment program. Subsequently on May 25, 1994, City Council approved recommendations for a water supply master plan, which included planning for the construction of a water treatment plant to treat Shoal Lake water within the following decade, subject to favourable results from public consultations. The Reserve is financed by monthly transfers from the Waterworks System Fund based on the amount of water consumption billed.

Watermain Renewal Reserve Fund - On February 18, 1981, City Council initially established this reserve fund for the purpose of financing from one source the renewal of watermains. It was initially created by the transfer of $2.0 million of frontage levy revenue from the Waterworks System. Since 1974, The City of Winnipeg has used a frontage levy to raise revenue for watermain renewals. On December 17, 1997 Council clarified that the frontage levy is for the specific purposes of renewal, replacement, enlargement, rehabilitation, corrosion mitigation, and non-destructive testing of watermains.

Urban Capital Projects Allocation (UCPA) - A capital projects funding agreement between the Province of Manitoba and The City of Winnipeg. The first Urban Capital Projects Allocation (UCPA I) allocated $90 million in funding for the six year period from 1985 to 1990. The second Urban Capital Projects Allocation (UCPA II) allocated $96 million for the six year period from 1991 to 1996. On April 22, 1997, the Minister of Urban Affairs of the Province of Manitoba announced a third Urban Capital Project Allocation (UCPA III) for the six year period of April 1, 1997 to March 31, 2003, at a total funding level of $96 million.